U.S. Coast Good Oceanographic Report CG-373-74

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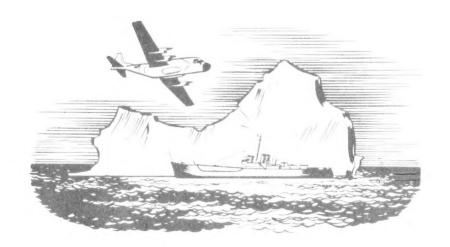


COAST GUARD

DOCUMENT

OCEANOGRAPHY OF
THE GRAND BANKS REGION OF
NEWFOUNDLAND

March 1974-October 1974







OCEANOGRAPHIC REPORT No. CG 373 - 74

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July 1978

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ABSTRACT

Two cruises were conducted to the Grand Banks of Newfoundland during the 1974 International Ice Patrol season. The main purpose of these cruises was to assist Commander, International Ice Patrol in the prediction of iceberg drift. Direct current measurements were made in the Ice Patrol area with both subsurface current meter arrays and shipboard current meter stations. A flow onto the Grand Banks was observed in addition to the southerly flowing Labrador Current. An additional research project was completed involving the tagging of icebergs and the observation of their drift.

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OCEANOGRAPHY OF THE GRAND BANKS REGION OF NEWFOUNDLAND APRIL-JULY 1974

CHARLES R. WEIR'

INTRODUCTION

During 1974 Ice Patrol Season the CGC EVERGREEN (WAGO-295) conducted two oceanographic cruises near the Grand Banks of Newfoundland (Fig. 1). These studies aided Commander, International Ice Patrol (CIIP) by providing him with real-time ocean current analysis. Experiments were also conducted to study the effect of ocean currents and wind on the drift of icebergs and to measure ocean currents directly with the use of current meters.

The geostrophic component of the surface currents was computed from salinity and temperature data collected with an S/T/D Environmental Profiling System (STD). A level of no motion was assumed at 1000 meters. In water shallower than this depth, STD casts were taken as close to the bottom as practicable, normally 20 meters. All data were processed real-time aboard ship using a Digital Data Logger/Computer System and the evaluated current information was transmitted to CIIP. The method of calculating the dynamic height for each station is described by Kollmeyer, et al. (1967).

8-15 APRIL CGC EVERGREEN SURVEY

From 8 April to 15 April the USCGC EVERGREEN conducted a survey along Standard Sections A3, A2B, A2A, and A2 mod. (Fig. 2). Fifty-two STD stations corresponding to Ice Patrol Station numbers 11491 through 11542 were occupied. The Labrador Current can normally be found flowing along the eastern edge of the Grand Banks (Scobie and Schultz, 1976). During this survey a portion of the Labrador Current was found to be flowing easterly, south of Flemish Cap. In addition the trough, or area that separates the North Atlantic Current and the Labrador Current, was unusually wide when compared to the normal pattern. For the southerly flowing portion of the Labrador Current, the maximum surface current

was calculated to be 47.5 cm/sec between station 11495 and 11496. The volume transport between these stations was 1.56 Sverdrups. This is comparable to past April surveys. That portion of the Labrador Current flowing eastward, south of Flemish Cap has a maximum calculated current of 6 cm/sec between station 11519 and 11520. Although this was not a very strong current, it could have caused an iceberg to drift about 3 nautical miles per day.

At about 44°30′N, 45°30′W the North Atlantic Current divided into two separate patterns. The northerly arm of this warmer current was greatly intensified by the end of the month as was shown by the next survey. The maximum current velocity of the northerly area was 14.5 cm/sec between stations 11518 and 11519. Between stations 11504 and 11505 the current was calculated to be 47 cm/sec.

The volume transport of the southward flowing Labrador Current was as follows:

Section	Volume Transport (x 106M3/sec)
A3	2.65
A2B	2.12
2B	2.90
A2 mod.	2.77

29 APRIL-1 MAY CGC EVERGREEN SURVEY

During this survey Standard Sections A2A and A2 mod were completed in addition to a special section connecting these standard sections: SS1. Thirty-six STD stations consisting of Ice Patrol Stations 11547 through 11578 were occupied. The purpose of the special section was to better measure the eastward flowing Labrador Current south of Flemish Cap. As can be seen from figure 3. the current system was more complicated

¹ U.S. Coast Guard Oceanographic Unit, Bldg. 159-E, Navy Yard Annex, Washington, D.C. 20593.

during this survey. The northern arm of the North Atlantic Current intensified and was calculated to be flowing at 88 cm/sec between stations 11558 and 11559.

The volume transport between these two stations was 5.74 Sverdrups. The wide trough region between the southerly flowing Labrador Current and the North Atlantic Current was still apparent.

The volume transport of the Labrador Current during this survey was:

Section	Volume Transport (x 106M3/sec)
A2A	5.16
A2 mod.	2.50

8-16 JUNE CGC EVERGREEN SURVEY

This survey consisted of sixty-six STD stations with Ice Patrol station numbers 11579 through 11645. Sections A4, A2A, A3A, A3, A3B mod. and A2 mod, and a special section connecting A2A and A3, SS2 were occupied with a 31/2 day delay between sections A3A and A3 for current meter operations (Fig. 4). An extra section was added between the western end of A2 and St John's, Newfoundland. Station 11649 was deleted. The most dominant feature of this survey was the cyclonic pattern centered at about 43°30'N 48°30'W. The Labrador Current was flowing easterly south of Flemish Cap. The maximum calculated speed of the southerly flowing part of the Labrador was 44 cm/sec between stations 11609 and 11610. The North Atlantic Current was calculated to be flowing at 62.5 cm/sec between stations 11602 and 11603.

The volume transport of the Labrador Current during this survey was:

Section	Volume Transport (x 106M3/sec)
A4	.07
A3B mod.	2.42
A3A	1.58
A3	1.00
A2A	2.79
A2 mod.	1.31

29 JUNE-3 JULY CGC EVERGREEN CRUISE

The final survey of the 1974 Ice Patrol Season was composed of Ice Patrol station numbers 11656 through 11689 taken along Standard Sections A2B, A3, and A3A (Fig. 5). Two special sections, SS3 and SS4, connected A2B to A3 and A3A to A3 respectively. A segment of the Labrador Current

continued to flow easterly, south of Flemish Cap although this part of the current was not well sampled by this survey. The maximum speed of the southerly flowing component of the Labrador Current was found between stations 11670 and 11671 to be 35 cm/sec. The maximum velocity of the North Atlantic current was found between stations 11680 and 11681 to be 75 cm/sec.

The volume transport of the Labrador Current for this final survey was:

Section	Volume Transport (x 106M3/sec)
A2B	3.34
A3	2.51
A3A	1.44

INSTRUMENTATION AND METHODS

A Plessey Environmental Profiling System (STD) Model 9040 was used in conjunction with a Sonycraft, Inc. (Chicago, Illinois) Digital Data Logger (DDL), a Kennedy Co., Inc. 1600R tape recorder (Altadena, California) and a DDP-516 Honeywell Computer. For a further description of this processing scheme see Rosebrook (1974), Morgan, et al. (1976) or Hayes (1978).

Deep-sea reversing thermometer and salinity samples from Nansen bottles were compared with the STD values at maximum cast depth. The salinity of the Nansen cast samples was determined with an inductive salinometer. The STD values varied from these quality control values by -.07 to +.01C in temperature and -.40 to +.08% in salinity.

ANCHORED CURRENT METER STATION

To formulate an idea of the actual Eulerian currents encountered along the Grand Banks, current meter measurements were made. From 2011Z on 27 April to 2111Z on 28 April 1974 the CGC EVERGREEN was anchored in 102 meters of water at position 45°36.8'N, 48°33.4'W. During this time two Hydro Products current meters, Model No. 502 were lowered over the side on the end of the STD cable. These meters recorded on strip charts current speed, current direction and sea water temperature once every 30 seconds. These meters were set such that they were to be 75 meters and 25 meters from the bottom. To determine the effect of the ship's motion on the current meters, records were kept of the ship's heading. The wire angle at the surface was recorded hourly along with weather conditions. At 1500Z on 28 April the current meter wire became fouled on the anchor cable. This led to a wire angle of 50° which affected the depth of the meters to an unknown extent, although they continued to operate. The current meters were successfully recovered at the end of the experiment. The results are shown in figure 6. In this figure the tangential and normal components are oriented with the isobaths with the normal component in a direction of 140°T and the tangential component in a direction of 050°T. With such a short observational record it is difficult to analyze the current. However, it is important to note the high velocity of the normal component starting at 1500Z on the 28th. Calculations of the currents from oceanographic stations do not show this current.

SUBSURFACE CURRENT METER ARRAYS

In 1974, three current meter arrays were deployed in the Ice Patrol area. Figure 7 illustrates the array design used on these deployments. Depths represent the shipboard fathometer readout and were not corrected for the actual speed of sound.

The first array was deployed in position 44°42.7'N, 48°54.9'W in 1344 meters. The CGC EDISTO (WAGO-284) was the deployment platform with LCDR A. H. LITTEKEN, Jr. on board as Field Party Chief. The array was streamed from the forecastle using the anchor last method. The two EG&G Model 850 current meters were switched on at 1845Z 11 February 1974 and the array was set at 1945Z 11 February 1974. With this depth of water, current meter number 253 would have been 794 meters below the surface and current meter number 229 would have been 1294 meters below the surface. This array was retrieved on 8 April 1974 by the CGC EVERGREEN (WAGO-295). Current meter number 253 had 16 days of good data. Current meter number 229 contained no usable data since the compass readings were all zeros. The plot of the data from 253 is shown in Figure 8.

The second array was deployed by the CGC EVERGREEN in position 44°42.6′N, 48°58.0′W in 1124 meters. Current meter number 252 was set 661 meters below the surface and was switched on at 1750Z on 8 April 1974. Current meter number 301 was set 1092 meters below the surface and was switched on at 1801Z 8 April. The array was retrieved by the CGC EVERGREEN on 12 June 1974. Unfortunately, neither current meter produced usable data. The tape did not advance on 252 and the speeds read all zero on 301.

The third array was deployed by the CGC EVERGREEN on 13 June 1974 in 1131 meters of water in position 44°41.7′N 48°55.0′W. Current meter number 254 was set 560 meters below the surface. Current meter number 300 was set 1071 meters below the surface. This array was also streamed from the buoy deck using the anchor last method. The anchor was let go at 0435Z 13 June 1974. This array was recovered by the CGC EVERGREEN at 1730Z on 12 April 1974. The tape on current meter number 254 was unreadable. The record on current meter 300 at first appeared to contain good data. However, further processing showed that this record could not be interpreted.

PERSONNEL

IIP 1-74, Phase I

LCDR A. H. Litteken, Jr.—Field Party Chief Mr. R. M. Hayes—Asst. Field Party Chief

LTJG D. T. Jones

MST1 B. R. Peters

MST1 M. F. Alles

ET2 W. S. Krug

Phase II

Mr. R. M. Hayes-Field Party Chief

LTJG D. T. Jones-Asst. Field Party Chief

MST1 B. R. Peters

MST1 M. F. Alles

MST2 R. H. Schultz

IIP 2-74, Phase I and II

LCDR R. W. Scobie-Field Party Chief

MSTC W. E. Heller-Asst. Field Party Chief

ETC W. T. Lewis (Phase I only)

MST1 B. R. Peters (Phase II only)

MST1 M. F. Alles (Phase II only)

MST3 J. S. Small

MST1 J. H. Campbell, Jr.

ET3 L. A. Haney

OFF-SEASON CRUISES

Data from off-season cruises were sent to Commander, International Ice Patrol for his use in predicting the coming Ice Patrol season. The CGC CHASE occupied Standard Section A2 in March 1974. The CGC SHERMAN occupied Standard Section A4 in October 1974. These data follow the CGC EVERGREEN data.

DATA

The data presented in the Tables of Oceanographic Data are from the listings provided by the National Oceanographic Data Center (NODC), Washington, D.C. Standard and significant values were computed by the Oceanographic Unit and submitted to NODC (NODC Cruise No. 31–8370.)

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ICEBERG TAGGING AND DRIFT STUDY, INTERNATIONAL ICE PATROL CRUISES 1974

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ABSTRACT

Iceberg tagging and drift experiments were conducted near the Grand Banks of Newfoundland in April and June 1974. Results of these experiments, which were an attempt to tag icebergs by encircling them with a floated line with RDF transmitters for relocation and identification, show that this method is not feasible. During storms the line parted from both strain and chafing. When weather was fair the iceberg would work free of the line circle, probably by rolling over or under the line and out of the circle.

Average iceberg drift speeds vary from 10.3 cm/sec to 56.5 cm/sec. The average drift angle with respect to the wind direction varies from 21° to the left to 92° to the right. When in the high velocity core of the Labrador Current, iceberg drift is predominantly controlled by the current. In the area of weak current, iceberg drift is determined by wind drag on the subaerial portion and by water drag on the subsurface portion. The resultant drift of an iceberg with respect to the wind is an important input to an iceberg drift model, and experimental methods for predicting this wind drift effect are discussed.

INTRODUCTION

During the 1974 Ice Patrol season the Coast Guard Research and Development Center and the Coast Guard Oceanographic Unit conducted an iceberg drift project aboard the CGC EVERGREEN. This project provided average drift vectors for six icebergs in the Grand Banks of Newfoundland area over a period of three to six days. The results were forwarded to Commander, International Ice Patrol (CIIP). Comparisons were then made by IIP between the observed drift values and those predicted by computer model. Icebergs were tagged to allow for the surveillance

of a number of bergs distributed over an area of up to 300 square miles. This also assured positive identification upon subsequent visits to obtain position fixes. In the past, attempts have been made to mark icebergs using dye; however, iceberg melting, rain, wave action, and iceberg rolling often caused the dye patches to be washed away. The complications of tagging a berg for future recognition center around the dynamic nature of an iceberg.

Icebergs near the Grand Banks often deteriorate rapidly. An iceberg's rate of decay is a function of its environment and internal structure. Deterioration is hastened by warm sea and air temperatures. as well as by rough seas. Rivulets of melting water may be seen cascading down the sides of some icebergs creating large channels on the surface and often collecting in pools in the basin areas. Others of the drydock variety have wave-cut embayments which concentrate wave forces and speed deterioration. Large chunks of ice often calve from icebergs to accelerate their destruction. Instabilities, which result from deterioration, cause icebergs to pitch and yaw and in severe cases to roll over completely. In consequence of these dynamic changes, it has been very difficult to put anything on, or attach any device to, an iceberg that would remain in position long enough to give positive identification over a significant time interval (i.e., about 5-7 days).

METHODS

During the International Ice Patrol 1974 season a method was tested for location redetermination and differentiation of icebergs used in drift studies

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near the Grand Banks region. The bergs were surrounded by an array of floats (styrofoam cylinders) connected by buoyant line (polypropylene, %" diameter). The length of this line varied from 400m to 800m depending upon the size of the iceberg. A spar-type, buoyant RDF transmitter (Finders Buoy, Ocean Applied Research Corporation) was included in the line circle. One hundred and eighty degrees from the transmitter was a spar buoy with either a radar reflector for electronic detection and/or red flags for visual detection (Fig. 9).

Each RDF transmitter had a different transmission frequency to permit positive identification independent of visual observation. The buoys were located with an automatic direction finder (Ocean Applied Research Corporation manufacturer) mounted on the bridge of the CGC EVERGREEN. The antenna for this system was secured to the railing just forward of the bridge. Early attempts at locating the RDF transmitters using handheld receiving sets were frustrated by the apparent omnidirectionality of the signal at ranges closer than 3700m as well as directional ambiguity at greater distances.

The tagging arrays were deployed from the CGC EVERGREEN during April and June of 1974. This was accomplished by casting off a spherical float attached to one end of the line. The ship circled the iceberg playing out the line until the float could be recovered. The two ends of the line, each having eye splices and thimbles, were joined together with a shackle. The tethering ring of the RDF spar buoy was attached to the shackle and placed in the water. The iceberg, thus encircled, carried along its array as it drifted.

During the first cruise (April/May 1974) the iceberg tagging project was plagued with the difficulty of locating suitable icebergs for tagging (i.e., small enough to tag) in the survey area. After three had been successfully deployed, all were carried from the icebergs during a storm which lasted two days. Winds reached 19.5 m/sec, and seas increased to 5 meters. Only one of these arrays was eventually recovered. The line on the recovered array was broken in two places. One break appeared to be the result of chafing. The other break occurred with such force that the ends of the polypropylene strands were fused together. In this case there was no sign of chafing. Because of these problems, little useful data were obtained on this cruise.

More favorable weather for iceberg tagging prevailed during the second cruise (June/July 1974). Therefore, the CGC EVERGREEN, using similar arrays was able to track several icebergs in dense fog for nine days.

ICEBERG DRIFT RESULTS

The drift of the six icebergs was determined for the time between observations as often as possible during the period 20/0911Q to 29/0138Q June 1974. Individual icebergs were tracked from 1.6 to 4.8 days. Wind velocities were logged hourly by the CGC EVERGREEN's bridge watch. All icebergs tracked during the experiment were located in the area bounded by 44°30'N to 47°30'N and 47°00'W to 48°30'W. Air temperatures during the iceberg tagging project ranged from 3.9°C to 9.4°C with an average about 6.4°C. The surface sea water temperature for the same period ranged from 1.1°C to 10.6°C with an average about 3.9°C. The weather was predominantly overcast with fog and visibility typically less than 100 yards for the entire drift survey. The sea state was moderate to calm. The data from observations taken during the second Ice Patrol cruise of 1974 are summarized in figure 10.

The vector-averaged drift for the icebergs varied from 0.2 knts for iceberg No. 1 to 1.1 knts for iceberg No. 6. The average drift speed to average wind speed ratios ranged from .016 to .085. An expendable surface current probe (EOTECH Corporation) was deployed in the van of iceberg No. 6 and measured a surface current of 1.23 knts, setting at 193°T. This compared to the iceberg drift of 1.1 kns at 212°T. The wind was 13.5 knts from 319°T.

The drift angle for the individual icebergs with respect to the wind direction had a large range of standard deviations from $\pm 18^{\circ}$ to $\pm 81^{\circ}$. Furthermore, a number of observations (14%) indicated drift angles to the left of the wind. Ettle (1974) had iceberg drift data from past Ice Patrol cruises that gave a range of standard deviations for drift angles from $\pm 54^{\circ}$ to $\pm 104^{\circ}$.

The frequency distributions of the individual drift angles and drift speed: wind speed ratios (Fig. 11 and Fig. 12) for the 1974 drift data, reveal the fact that the majority of the drift angles occur to the right of the wind direction as expected in the Northern Hemisphere; however, the distribution of drift angles is continuous from 20° to 130° . The range extends from -116° to $+180^{\circ}$, virtually all quadrants of the compass. The one iceberg (No. 1)

which had a resultant drift angle to the left of the wind was observed in a area of very weak geostrophic currents that flowed opposite to the wind direction. No truly dominant mode is evident from the frequency distributions, but the greatest number of observations fell in the 80° to 90° and 100° to 110° classes.

Likewise the distributions of drift ratio frequencies is rather even throughout the range of 0.008 to 0.132. Again no dominant mode can be observed.

Since the measured wind speed varied merely between 10 and 20 knots during the drift study, no attempt was made to order the wind drift angles and ratios by wind speed class.

DISCUSSION

Smith (1931) addressed the subject of current and wind control drift of icebergs and considered the primary forces responsible for iceberg drift to be gradient currents and wind. He concluded that the resultant drift is dependent upon the degree to which these factors combine. In turn the relative influence of each controlling force is determined by the proportion above and below the surface at which the iceberg floats, the velocity and duration of the wind, and the velocity and depth of the gradient current. For the majority of icebergs the effect of wind is least when there is a strong slope or gradient current present, and maximum when it is weak. The exceptions to this are the fantastically shaped icebergs in their last stages of decay which are winged or pinnacled so that they offer considerable surface area for drag and lift.

Icebergs which drift along the continental slope, such as the ones studied during the 1974 Ice Patrol, come under the influence of the Labrador Current. This appears evident from the south-southwesterly drift of these icebergs (Fig. 13).

The only exception was iceberg No. 1 which was tracked in a region of low current west of the mainstream of the Labrador Current, and in shallow water of 165 meters. For the majority of these icebergs, then, the resultant drift is controlled by the geostrophic current in the area; whereas, the angle of the drift with respect to the wind is a consequence of the time dependent relationship between the relative drag force vectors of the net vertical current shear acting upon the submerged portion of the iceberg, and the wind drag on the above surface portion of the iceberg. Since the iceberg is affected by both air and water, there are two drag terms. If these drag coefficients are determined from the experimental data, then for a given wind velocity, the velocity of the wind

driven surface current and the velocity of the iceberg could be calculated by integrating the drag forces over a time period necessary to reach equilibrium. The Coriolis force works in concert with the other forces, of course, to determine the resultant drift, but varies only with latitude and velocity. A small force associated with the slope of the sea surface must be considered as it tends to move the iceberg downhill. To predict iceberg drift these forces must be known or at least accurately approximated.

Since the parameters routinely measured during Ice Patrol are wind velocity and geostrophic current, some attempt must be made to use these data for iceberg drift prediction. To do this, accurate estimates of the unknown forces must be made. Efforts have been made for many years (Smith, 1931; Budinger, 1960; Kollmeyer, 1965; and Ettle, 1974) to characterize the effect of oceanic forces on iceberg drift. Although each study contributed a share to the understanding of the interactions of the motive forces, none contained all the data necessary to specify the predicted drift. Furthermore, accurate iceberg tracking was handicapped by a lack of precise navigational equipment. The advent of satellite navigation has provided the necessary position determining accuracy. The 1974 Ice Patrol iceberg tagging experiment had as a goal the statistical sampling of several iceberg drifts and did not obtain all the necessary force measurements either.

To improve the U.S. Coast Guard Ice Patrol's iceberg drift prediction capabilities, two complimentary projects are being undertaken to quantify the wind effect on icebergs. The first of these is a statistical survey of iceberg dimensions in an effort to relate the above surface area to the submerged area. If, as Smith (1931) believed, there is a characteristic ratio of height to draft (and perhaps area) for each type of iceberg, then the form drag might be defined for a given type of berg.

The second project entails a concentrated effort on a smaller number of icebergs using two vessels for the simultaneous measurement of iceberg drift, wind velocities, velocities of drogues designed to integrate the current over a known depth, and geostrophic current velocities.

It is hoped that these studies together will provide the data base for a statistical determination of wind effect drift angles and speed ratios for icebergs classified by their characteristic shape, and for wind speed classes.

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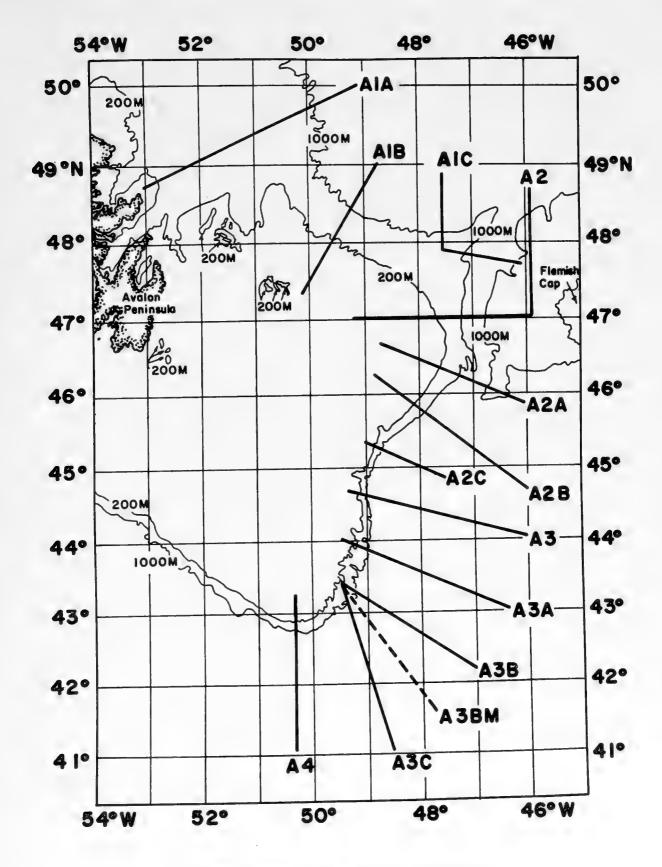


FIGURE 1. Standard International Ice Patrol Sections.

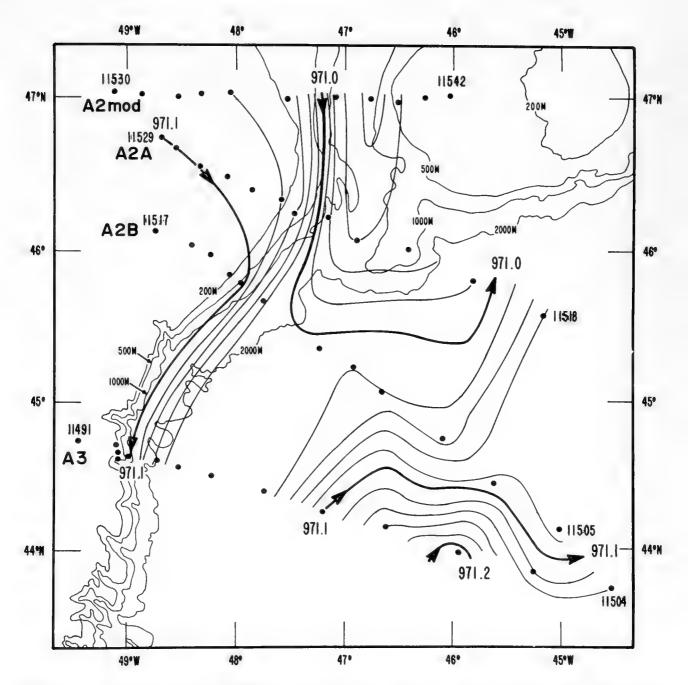


FIGURE 2. Sea surface dynamic topography (dynamic meters) relative to the 1000 decibar surface, from data collected by CGC EVERGREEN, 8-15 April 1974. Contour interval is 2 dynamic centimeters. Oceanographic station numbers are given at turning points.

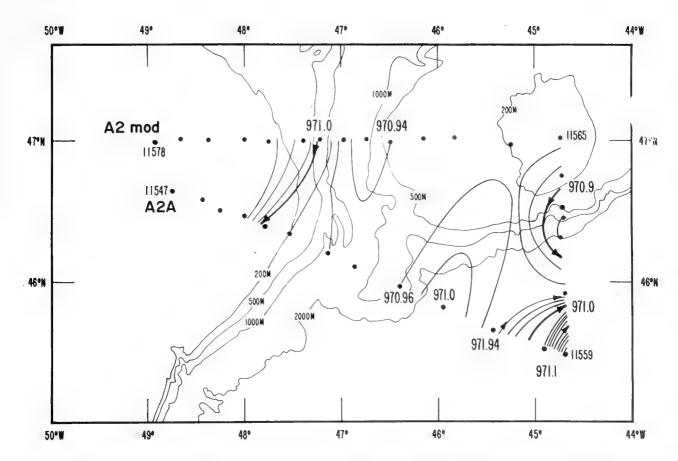


FIGURE 3. Sea surface dynamic topography (dynamic meters) relative to the 1000 decibar surface, from data collected by CGC EVERGREEN, 29 April-1 May 1974. Contour interval is 2 dynamic centimeters. Oceanographic stations position are indicated and the station numbers are given at turning points.

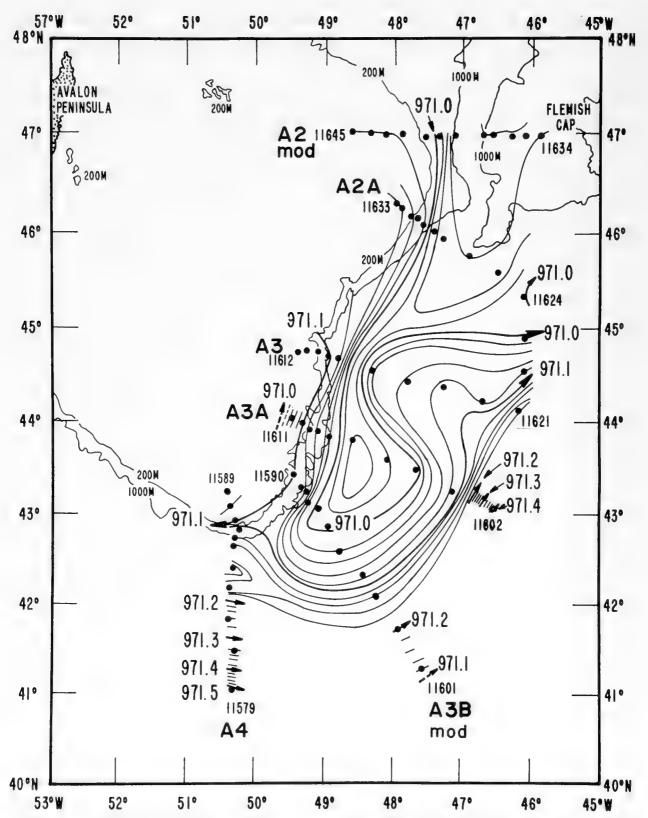


FIGURE 4. Sea surface dynamic topography (dynamic meters) relative to the 1000 decibar surface, from data collected by CGC EVERGREEN, 8-16 June 1974. Contour interval is 2 dynamic centimeters. Oceanographic station positions are indicated and the station numbers are given at turning points.

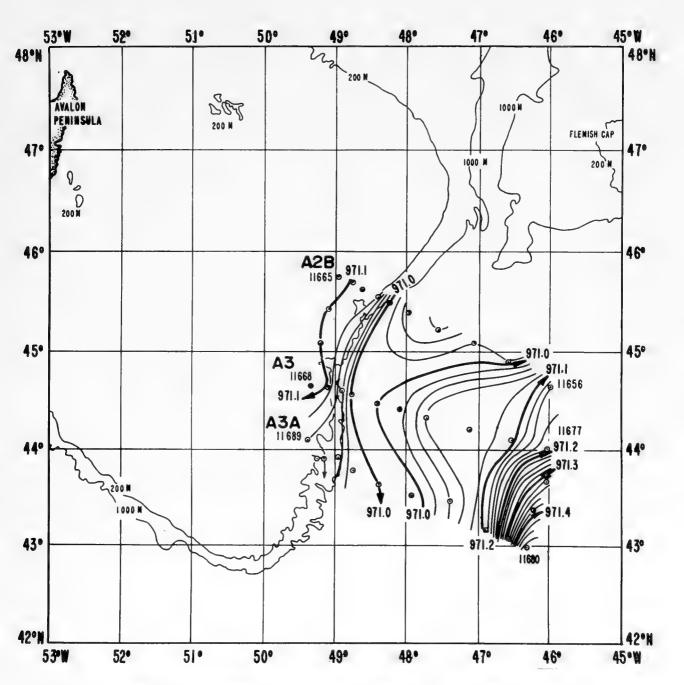
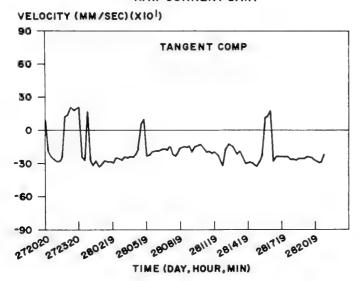
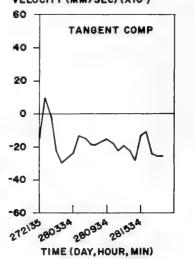


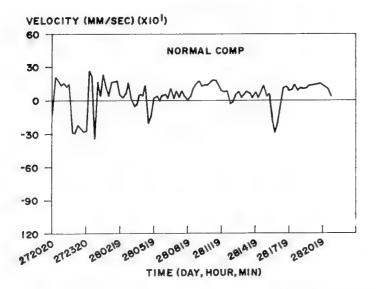
FIGURE 5. Sea surface dynamic topography (dynamic meters) relative to the 1000 decibar surface, from data collected by CGC EVERGREEN, 29 June-3 July 1974. Contour interval is 2 dynamic centimeters. Oceanographic station positions are indicated and the station numbers are given at turning points.

RAW CURRENT DATA



CURRENT DATA SMOOTHED FOR FREQ. HIGHER THAN 0.5 CPH VELOCITY (MM/SEC) (XIO)





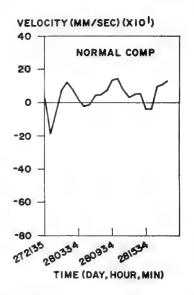
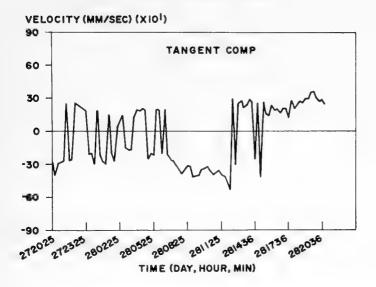
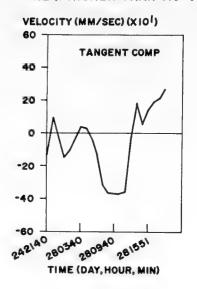


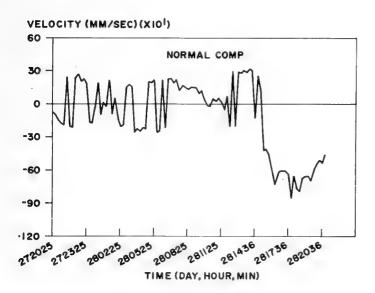
FIGURE 6a. Anchored current meter data taken in position 45°36.8′N, 48°33.4′W by the CGC EVERGREEN, 27-28 April 1974. Top current meter.

RAW CURRENT DATA



CURRENT DATA SMOOTHED FOR FREQ. HIGHER THAN 0.5 CPH





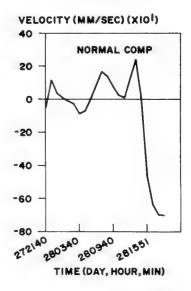


FIGURE 6b. Anchored current meter data taken in position 45°36.8′N, 48°33.4′W by the CGC EVERGREEN, 27–28 April 1974. Bottom current meter.

mmmmmm

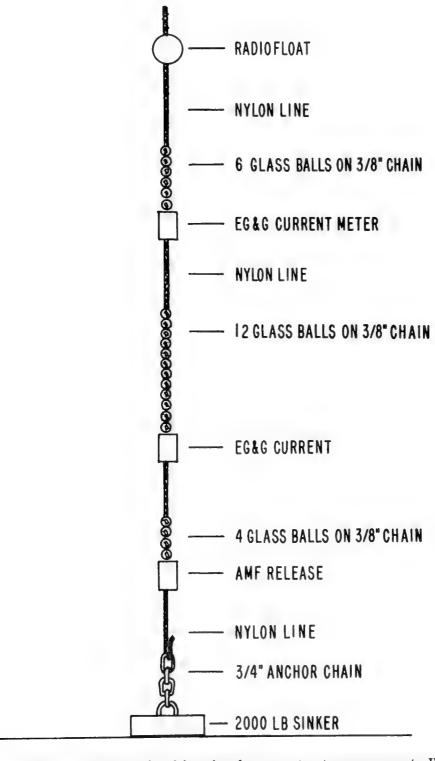
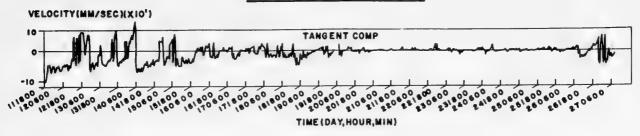


FIGURE 7. Design employed for subsurface current meter measurements, IIP-1974.

RAW CURRENT DATA



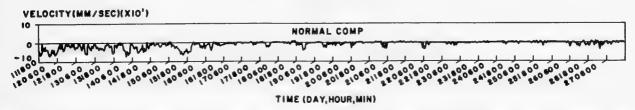
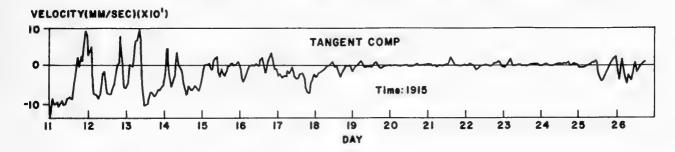


FIGURE 8a. Data obtained from EG&G Model 850 current meter, No. 253. Depth of current meter was 794 meters below the surface in position 44°42.7′N, 48°54.9′W. Raw current data.

CURRENT DATA SMOOTHED FOR HIGHER THAN 0.5 CPH



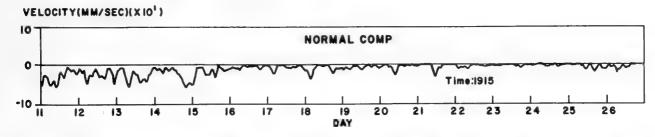
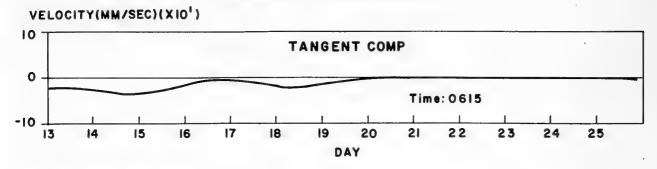


FIGURE 8b. Data obtained from EG&G Model 850 current meter, No. 253. Depth of current meter was 794 meters below the surface in position 44°42.7′N, 48°54.9′W. Current data has been smoothed to remove frequencies higher than 0.5 CPH.

SMOOTHED DATA FILTERED FOR FREQ. LOWER THAN 0.8 CPD



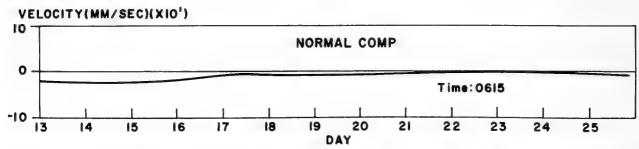
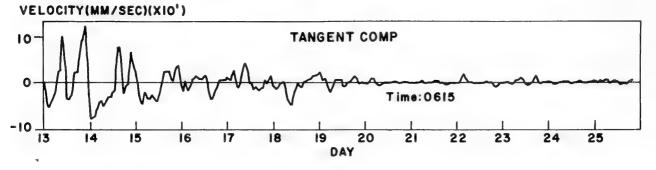


FIGURE 8c. Data obtained from EG&G Model 850 current meter, No. 253. Depth of current meter was 794 meters below the surface in position 44°42.7′N, 48°54.9′W. Current data has been filtered to obtain frequencies lower than 0.8 CPD.

PERIODIC RESIDUALS



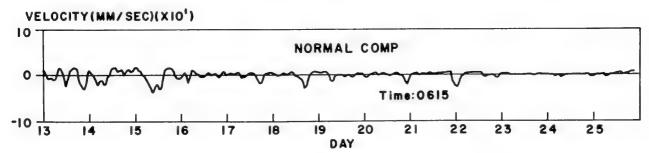


FIGURE 8d. Data obtained from EG&G Model 850 current meter, No. 253. Depth of current meter was 794 meters below the surface in position 44°42.7′N, 48°54.9′W. Periodic Residuals.

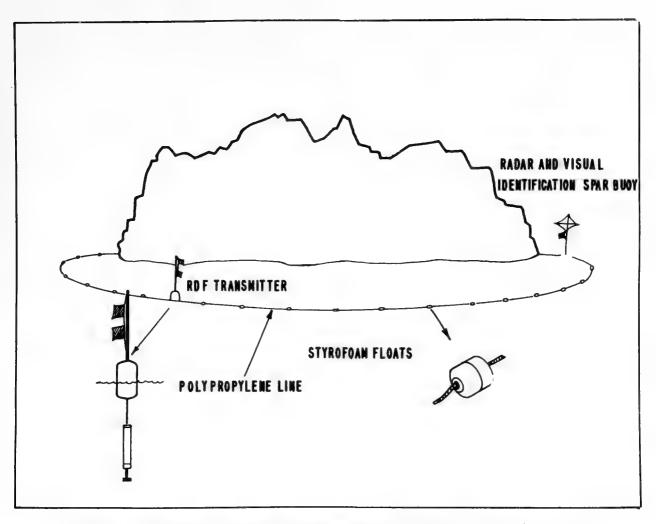


FIGURE 9. Array design employed in iceberg tagging and drift studies in April and June 1974.

ICEBERG NO.	TYPE SIZE (METERS)	NO. OF OBS.	DATE/TIME (LOCAL) OBSERVED (JUNE 1974) FROM TO	VECTOR AVERAGED DRIFT SPEED (KTS.)	VECTOR AVERAGED DRIFT DIRECTION (°T)	VECTOR AVERAGED WIND SPEED (KTS).	VECTOR AVERAGED WIND DIRECTION MINUS 1800 (°T)	OF THE	E ANBLE DRIFT TO HIGHT OF WIND(*)	AVERAC SPEED .AVER	TO THE
1	PINNACLE 24X122	7	20/0911 23/1007	0.2	020	13.9	035	-021	± 085		± .008
2	LARGE PINNACLE 37X137	7	20/0935 28/0348	0.4	158	11.2	041	092	± 081	. 041	±.033
3	ORYDOCK #6X101	8	24/1342 28/2300	0.9	198	12.1	134	080	± 048	. 071	±.031
4	SMALL DOWED 8X30	4	24/1807 28/0844	C. 8	182	12.2	108	088	±018	. 055	±.012
5	SMALL Tabular 18x61	4	24/1823 28/0800	0.3	181	12.4	105	078	±020	. 078	±.015
8	YERY LARGE DOUBLE PIMMACLE 53X285	6	28/1700 29/0138	1.1	212	13.5	139	074	±028	.085	±.025
ALL	-		CATIVE VALUES INDI EBERG NO.3 CALVED						±084	. 058	±.034

FIGURE 10. Iceberg drift data from IIP-2-74.

NUMBER OF OBSERVATIONS

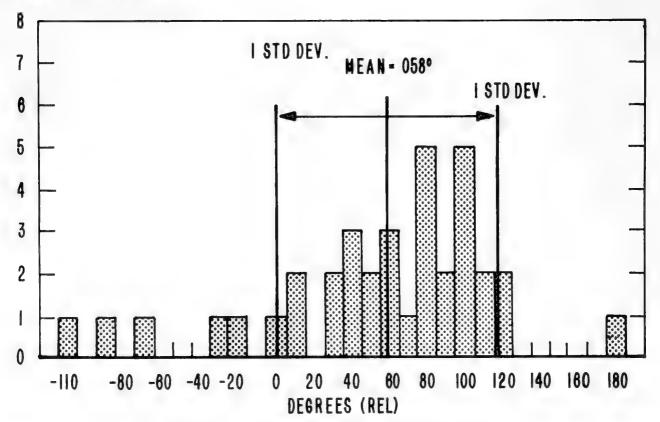


FIGURE 11. Drift angle (degrees relative to wind direction).

NUMBER OF OBSERVATIONS

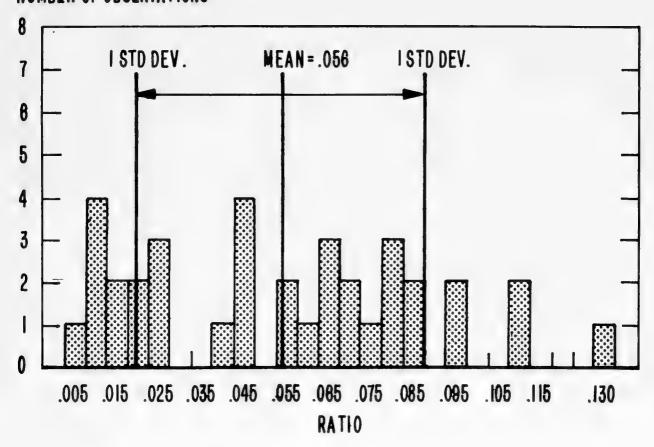


FIGURE 12. Ratio of drift speed to wind speed.

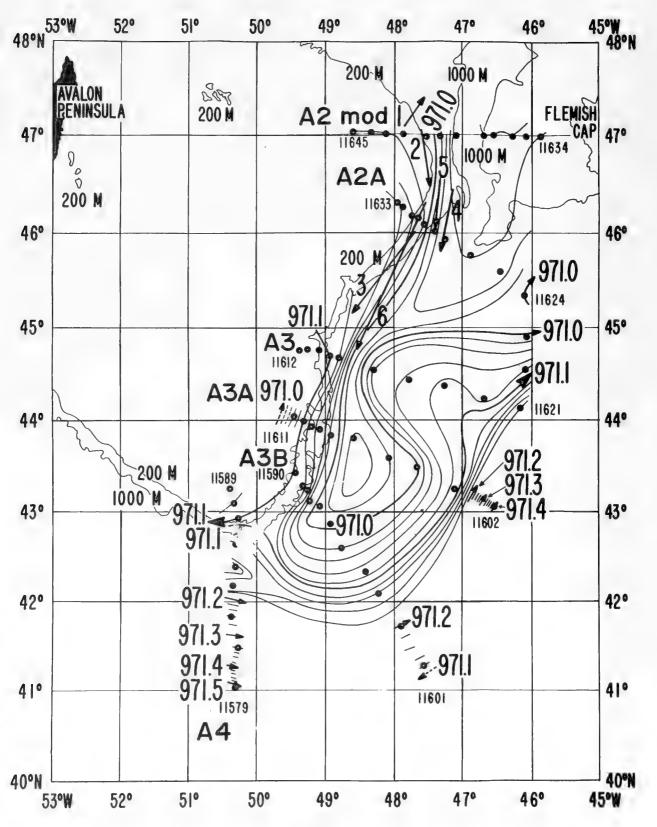


FIGURE 13. Iceberg drift from IIP-2-74.

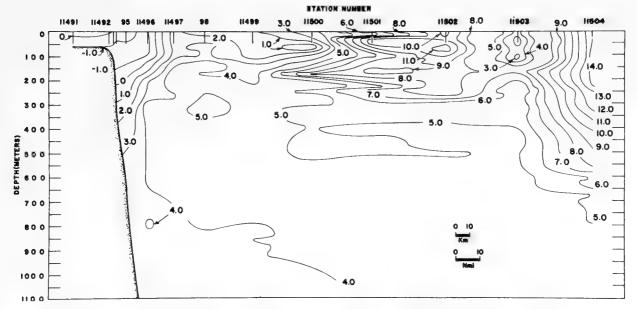


FIGURE 14. Vertical temperature (°C) section A3, occupied by CGC EVERGREEN, 8-10 April 1974.

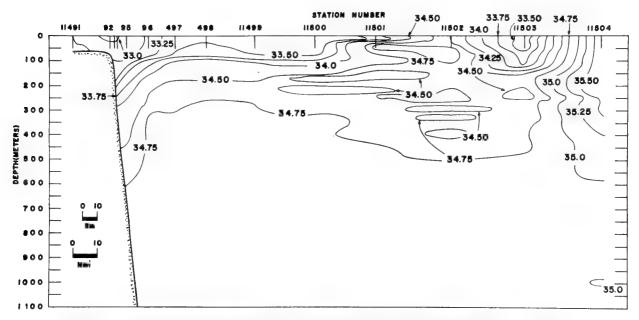


FIGURE 15. Vertical salinity (%) section A3, occupied by CGC EVERGREEN, 8-10 April 1874.

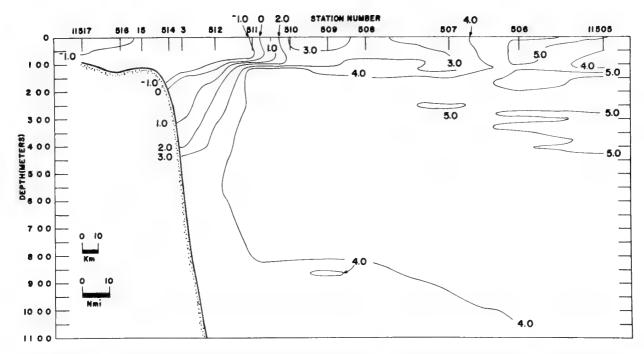


FIGURE 16. Vertical temperature (°C) section A-2B, occupied by CGC EVERGREEN, 10-12 April 1974.

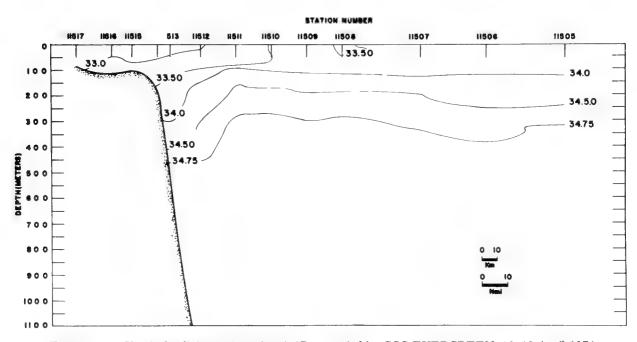


FIGURE 17. Vertical salinity (%) section A-2B, occupied by CGC EVERGREEN, 10-12 April 1974.

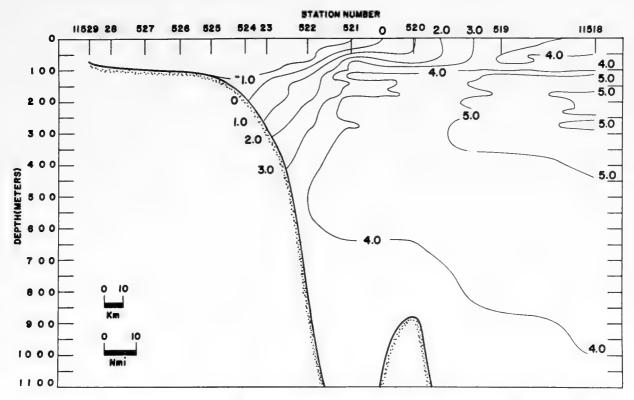


FIGURE 18. Vertical temperature (°C) section A-2A, occupied by CGC EVERGREEN, 12-14 April 1974.

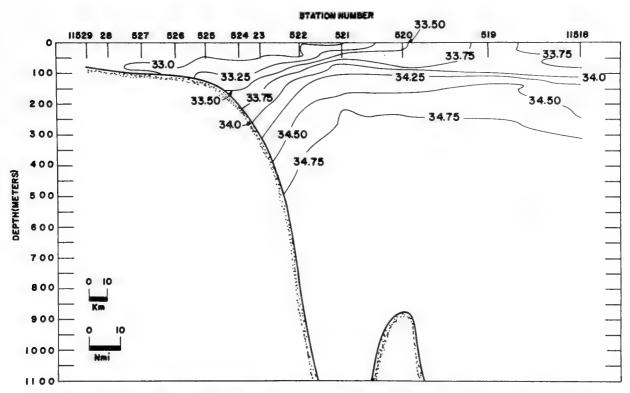


FIGURE 19. Vertical salinity (%) section A-2A, occupied by CGC EVERGREEN, 12-14 April 1974.

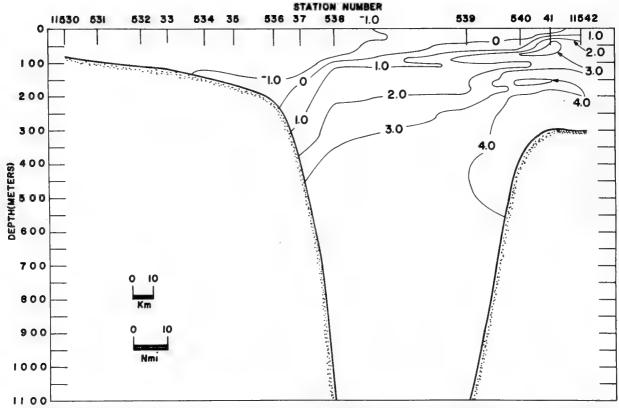


FIGURE 20. Vertical temperature (°C) section A-2 mod., occupied by CGC EVERGREEN, 14-15 April 1974.

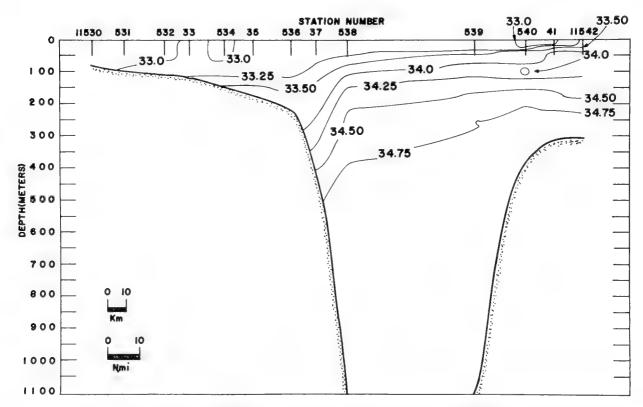


FIGURE 21. Vertical salinity (%) section A-2 mod., occupied by CGC EVERGREEN, 14-15 April 1974.

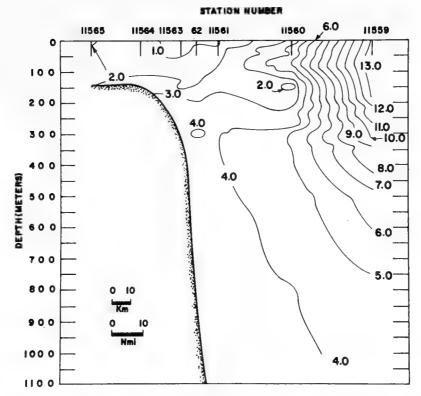


FIGURE 24. Vertical temperature (°C) section SS1, occupied by CGC EVERGREEN, 30 April 1974.

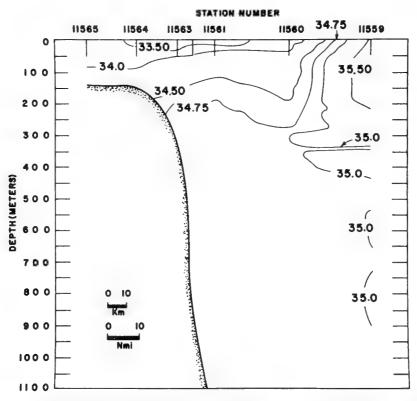


FIGURE 25. Vertical salinity (%0), section SS1, occupied by CGC EVERGREEN, 30 April 1974.

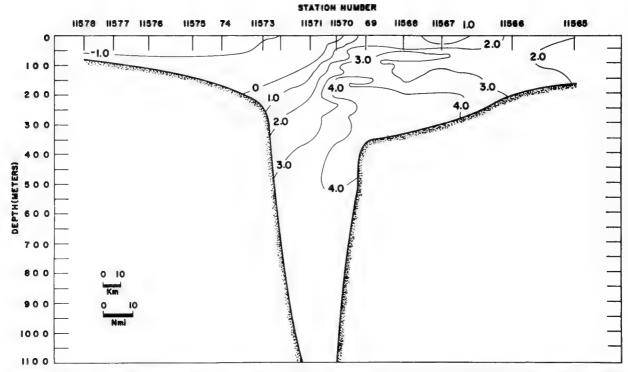


FIGURE 26. Vertical temperature (°C) section A-2 mod., occupied by CGC EVERGREEN, 30 April-2 May 1974.

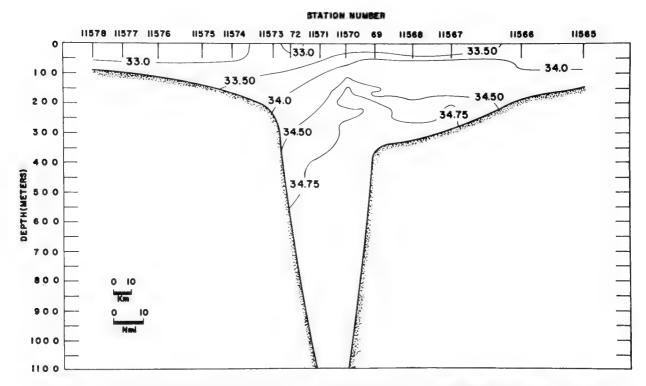


FIGURE 27. Vertical salinity (%) section A-2 mod., occupied by CGC EVERGREEN, 30 April- 2 may 1974.

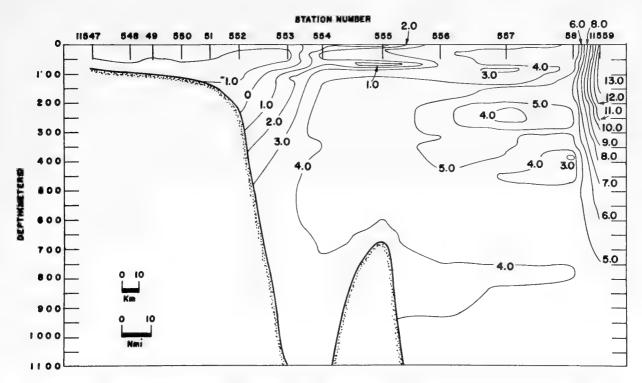


FIGURE 22. Vertical temperature (°C) section A-2A, occupied by CGC EVERGREEN, 29-30 April 1974.

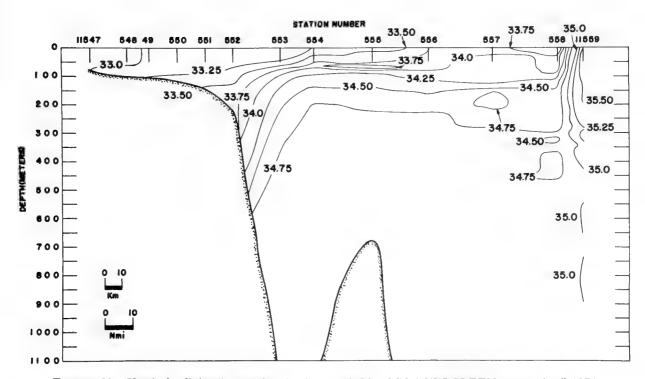


FIGURE 23. Vertical salinity (%) section A-2A, occupied by CGC EVERGREEN, 29-30 April 1974.

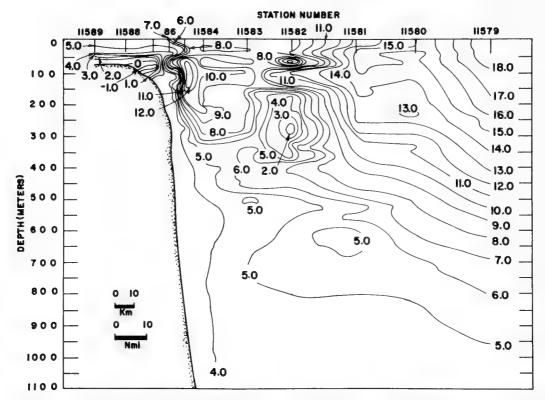


FIGURE 28. Vertical temperature (°C) section A-4, occupied by CGC EVERGREEN, 9-10 June 1974.

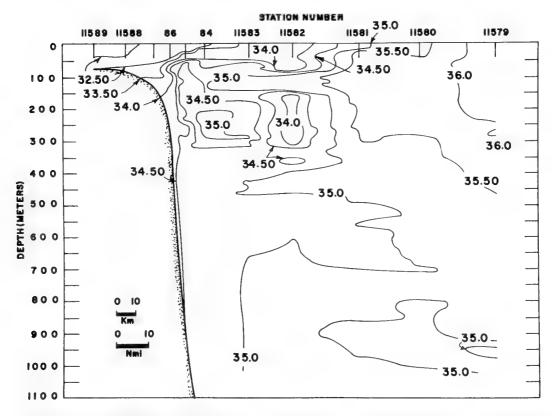


FIGURE 29. Vertical salinity (%) section A-4, occupied by CGC EVERGREEN, 9-10 June 1974.

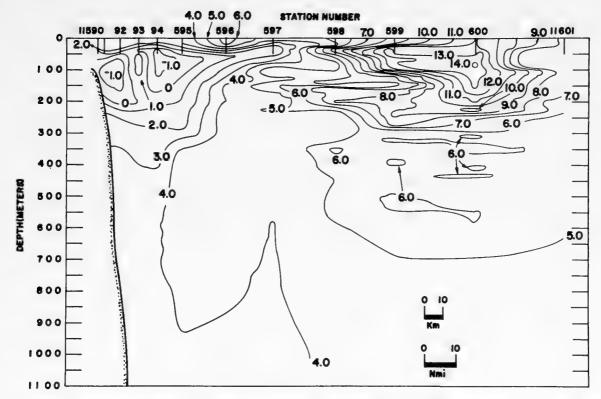


FIGURE 30. Vertical temperature (°C) section A-3B mod., occupied by CGC EVERGREEN, 10-11 June 1974.

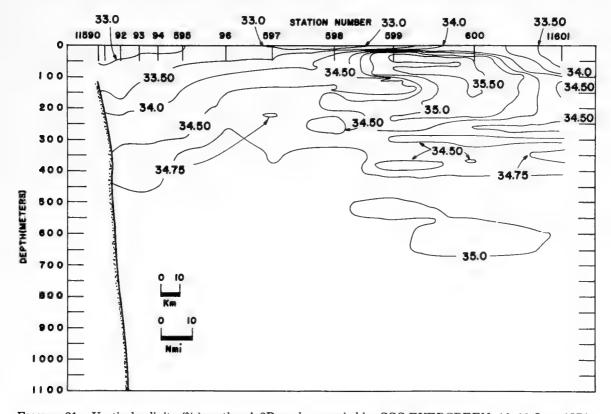


FIGURE 31. Vertical salinity (‰) section A-3B mod., occupied by CGC EVERGREEN, 10-11 June 1974.

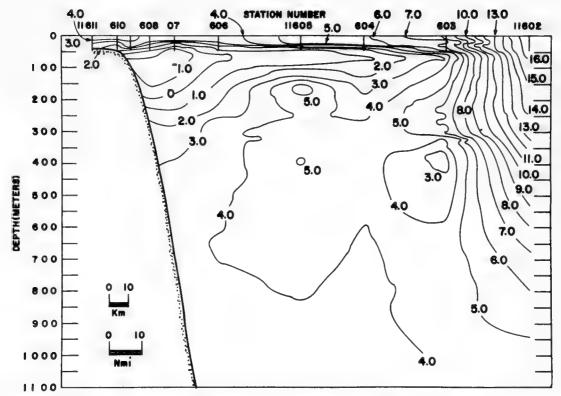


FIGURE 32. Vertical temperature (°C) section A-3A, occupied by CGC EVERGREEN, 11-12 June 1974.

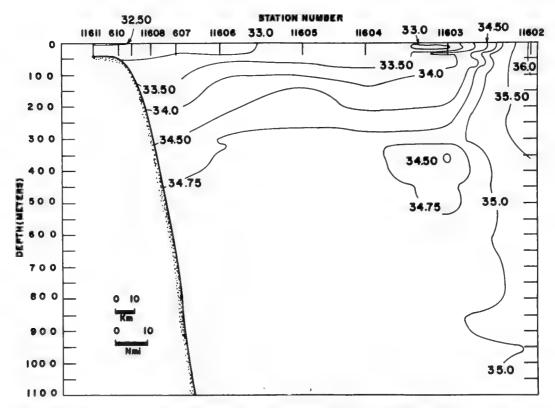


FIGURE 33. Vertical salinity (%) section A-3A, occupied by CGC EVERGREEN, 11-12 June 1074.

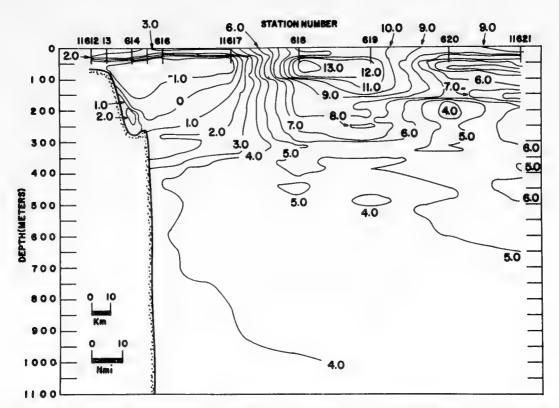


FIGURE 34. Vertical temperature (°C) section A-3, occupied by CGC EVERGREEN, 13-14 June 1974.

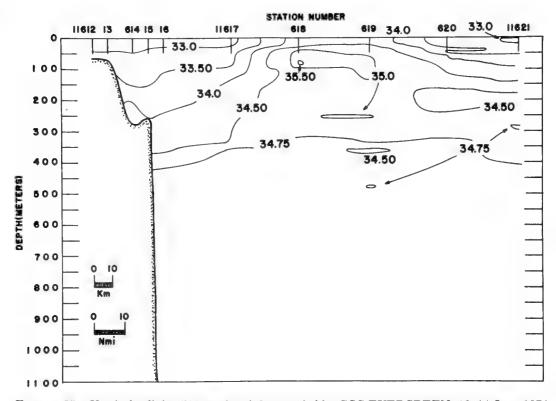


FIGURE 35. Vertical salinity (%) section A-3, occupied by CGC EVERGREEN, 13-14 June 1974.

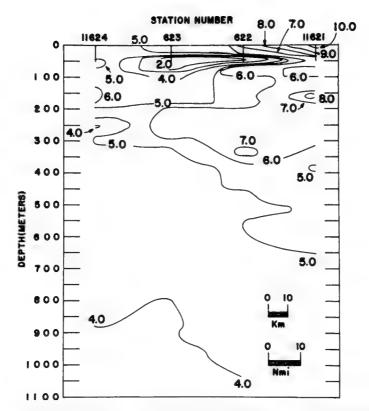


FIGURE 36. Vertical temperature (°C) section SS2, occupied by CGC EVERGREEN, 14 June 1974.

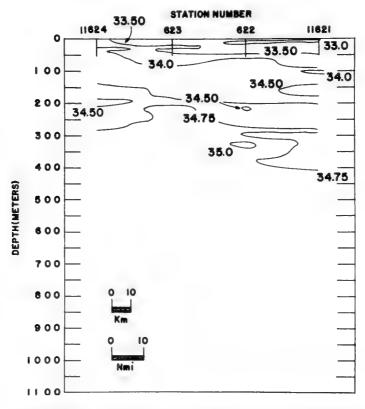


FIGURE 37. Vertical salinity (%) section SS2, occupied by CGC EVERGREEN, 14 June 1974.

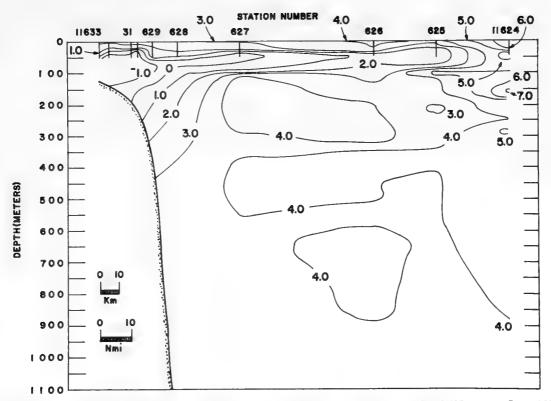


FIGURE 38. Vertical temperature (°C) section A-2A, occupied by CGC EVERGREEN, 14-15 June 1974.

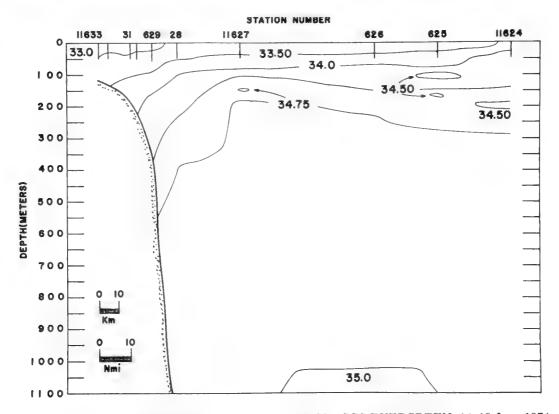


FIGURE 39. Vertical salinity (‰) section A-2A, occupied by CGC EVERGREEN, 14-15 June 1974.

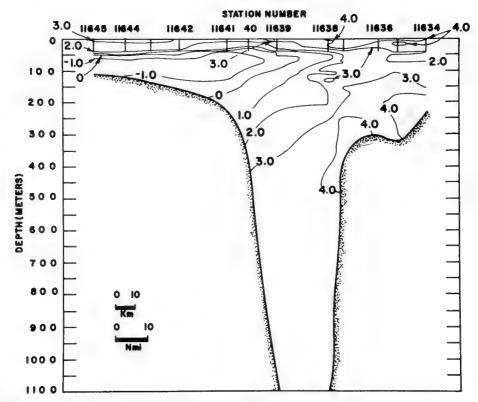


FIGURE 40. Vertical temperature (°C) section A-2 mod., occupied by CGC EVERGREEN, 15-16 June 1974.

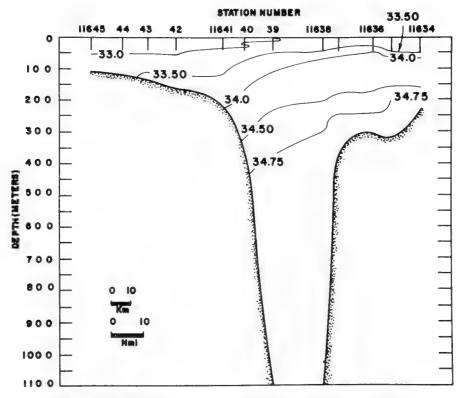


FIGURE 41. Vertical salinity (‰) section A-2 mod., occupied by CGC EVERGREEN, 15-16 June 1974.

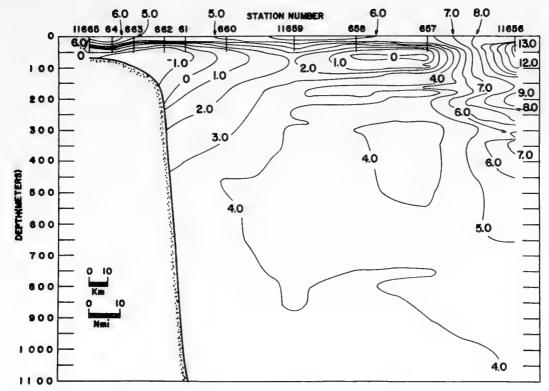


FIGURE 42. Vertical temperature (°C) section A-2B, occupied by CGC EVERGREEN, 29-30 June 1974.

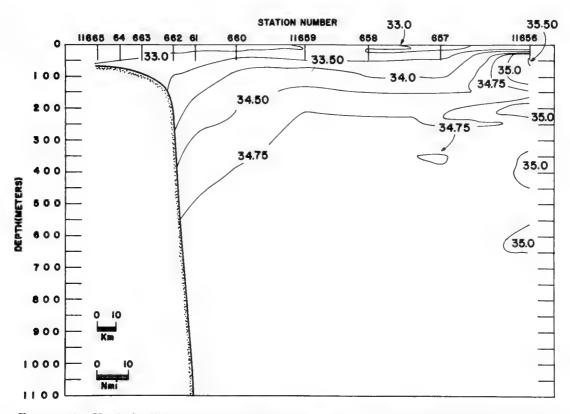


FIGURE 43. Vertical salinity (%) section A-2B, occupied by CGC EVERGREEN, 29-30 June 1974.

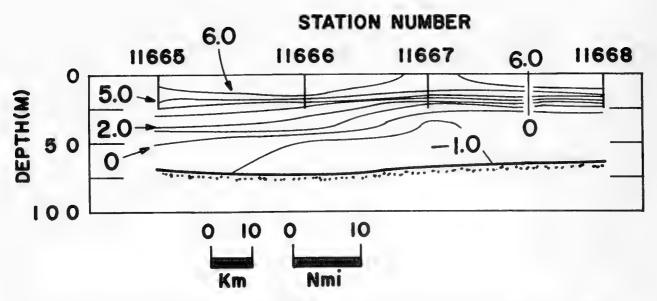


FIGURE 44. Vertical temperature (°C) section SS3, occupied by CGC EVERGREEN, 30 June 1974.

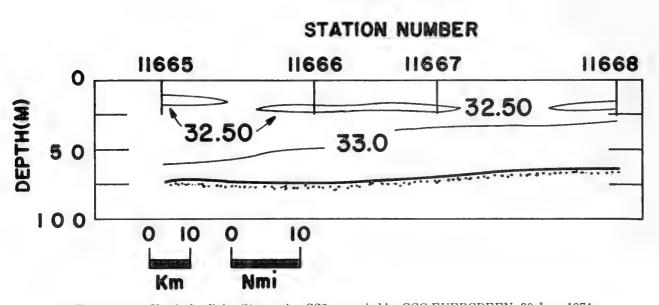


FIGURE 45. Vertical salinity (%) section SS3, occupied by CGC EVERGREEN, 30 June 1974.

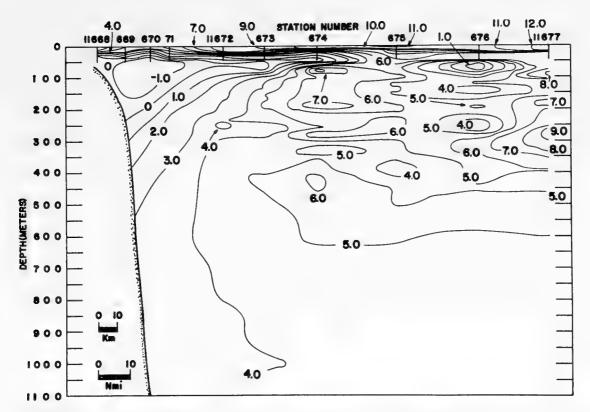


FIGURE 46. Vertical temperature (°C) section A3, occupied by CGC EVERGREEN, 30 June-1 July 1974.

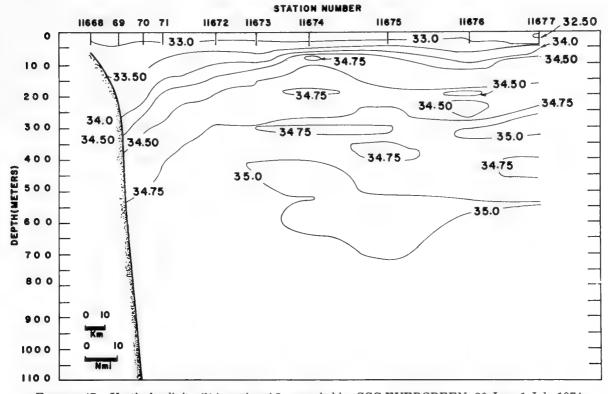


FIGURE 47. Vertical salinity (%) section A3, occupied by CGC EVERGREEN, 30 June-1 July 1974.

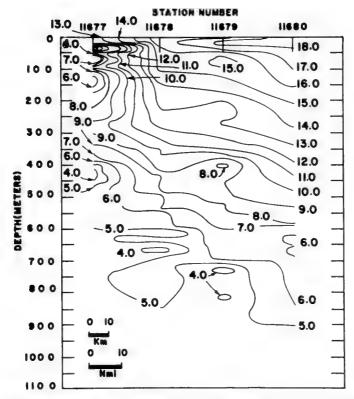


FIGURE 48. Vertical temperature (°C) section SS4, occupied by CGC EVERGREEN, 1-2 July 1974.

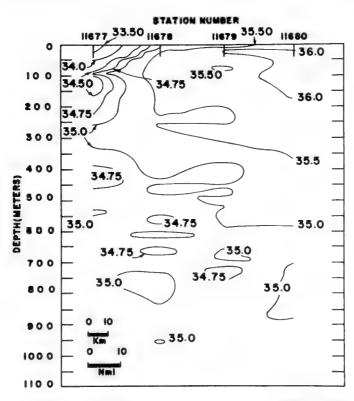


FIGURE 49. Vertical salinity (‰) section SS4, occupied by CGC EVERGREEN, 1-2 July 1974.

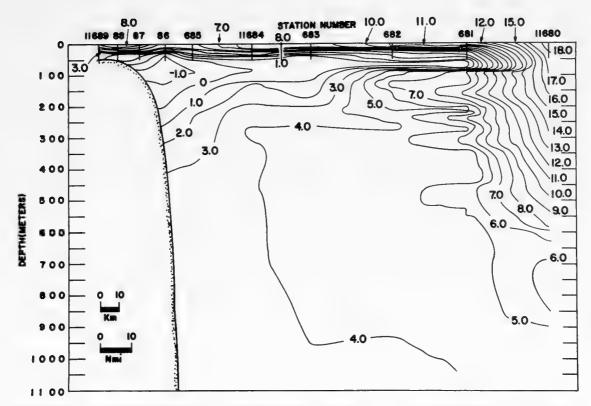


FIGURE 50. Vertical temperature (°C) section A-3A, occupied by CGC EVERGREEN, 2-3 July 1974.

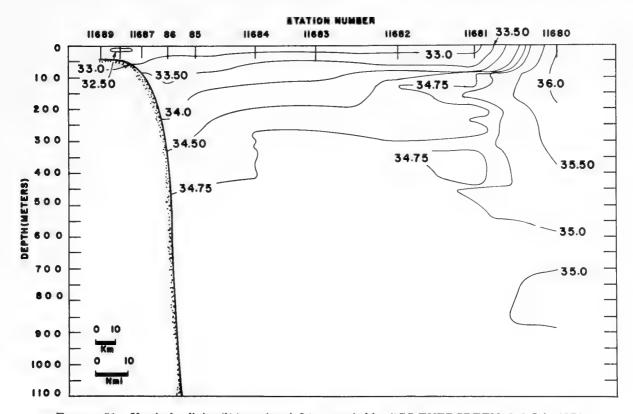


FIGURE 51. Vertical salinity (‰) section A-3A, occupied by CGC EVERGREEN, 2-3 July 1974.

APPENDIX A

OCEANOGRAPHIC DATA

Cruises Listed

Table I. CGC EVERGREEN, April-June 1974

Table II. CGC CHASE, March 1974

Table III. CGC SHERMAN, October 1974

Codes Utilized

To facilitate use of the oceanographic station data listing, entry headings which are not self-explanatory are described below.

Latitude...........Degrees and minutes of latitude.

LongitudeDegrees and minutes of longitude

Depth to bottomUncorrected soundings in meters.

Wave observations:

DIR.Rounded to nearest multiple of 10 degrees.

HGT...... Increments of ½ meter. Sum of 5 meters plus increments of ½ meters if 50 is added to direction.

PER......If numerals 2 through 9 are entered, period in

seconds is either twice the numeric entry or 2X (numeric entry)+1. 0=20 or 21 sec. 1=over 21

seconds. X = calm or not determined.

SEASea state according to WMO Code 3700.

Code	Height	Code	Height
0	0 m	5	2.5-4m
1	0-0.1m	6	4-6m
2	0.1-0.5m	7	6-9m
3	0.5 - 1.25 m	8	9-14m
4	1.25-2.5m	9	□14m

Weather Code Weather according to WMO Code 4501.

Code		Code	
0	Clear	5	Drizzle
1	Partly cloudy	6	Rain
2	Cont. layers of clouds	7	Snow and rain and snow mixed
3	Blowing snow,	8	Shower(s)
	sandstorm, etc.	9	Thunder-
4	Fog, haze, dust		storm(s)

711	oud	0-	1-
T at	oua	-100	me

TypeCloud type according to WMO Code 0500.

Code	Type	Code	Type
0	Cirrus	5	Nimbostratus
1	Cirrocumulus	6	Stratocumulus
2	Cirrostratus	7	Stratus
3	Altocumulus	8	Cumulus
4	Altostratus	9	Cumulonimbus

X Clouds not visible due to darkness, fog, or other analagous phenomena

Wind

Dir.Rounded to nearest multiple of 10 degrees.

Barometer Barometric pressure given in tens, units, and tenths of millibars.

Code	Visibility	Code	Visibility
0	Less than 50m	5	2-4km
1	50-200m	6	4-10km
2	200-500m	7	10-20km
3	500-1000m	8	20-50km
4	1-2km	9	50km or more

Messenger time Entered in hours and tenths of an hour. Indicates the starting time for lowering the STD sensor.

Depth Depth to nearest meter.

Temp......Temperature to hundredths of a degree Celsius.

Sal......Salinity to hundredths of a part per thousand.

Sig-t Sigma-t value.

TABLE I. CGC EVERGREEN, April—June 1974

EFID 31 8370 GNSEC 0001 AT 44 44.5N ONG 049 27.0H	MONTE	H 04	BOTDP 00062 SHIP EV DATA USE E AREM 05	AIR TEMP WET BULB BAROMETR CLCUD T//		DIR H 20 SEA CL/TR	ST PER 2 4	WIND-DIR WIND-SPD WIND-FOR WEATHER	13	TRAC!	STD REG E DIR Tion 011 491	00-1	TEN SQ 13 5 SQUARE 2 SQUARE 1 SQUARE
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL SIG	SMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NOZ	NO3	S103 PH
22.5	STD OBS STD OBS STD OBS STD OBS STD OBS OBS OBS OBS	00000 00001 00009 00010 00020 00020 00030 00030 00040 00050 00051	00.44 00.44 00.38 00.32 - 0.01 - 0.39 - 0.43 - 0.64 - 0.70 - 0.66 - 0.66	32.880 26 32.895 26 32.876 26 33.00 26 33.015 26 33.04 26 33.040 26 33.125 26 33.14 26 33.140 26	5-40 5-41 5-41 5-54 5-55 5-57 5-57 5-65 5-66	00.000 00.016 00.032 00.047	1448.4 1448.4 1448.3 1446.5 1445.0 1446.5 1444.1 1444.1 1444.1 1444.5 1444.5						
					*****	******							
EFID 31 8370 ONSEC 0002 AT 44 41.5N ONG 049 06.0W	MONTI	1974 H 04 09 05.7	BOTDP 00068 SHIP EV DATA USE 1 AREA 05	AIR TEMP WET BULB BAROMETR CLGUD T//		DIR H 16 SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	04	TR AC	STD REG E DIR Tion Oll 49:	00.1	TEN SQ 1: 5 SQUARE 2 SQUARE 1 SQUARE
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL SI	SMA-T	DYNOPTH	SND VEL	DXYG	P04	TOT P	NO2	NO3	S103 PH
05.7	STD OBS STD OBS STD OBS STD OBS STD OBS OBS OBS OBS OBS	00000 00000 00010 00014 00020 00020 00030 00030 00050 00059	00.03 00.03 - 0.04 - 0.04 - 0.46 - 0.64 - 0.93 - 0.93 - 0.99 - 0.99	32.300 2: 32.32 2: 32.320 2: 32.350 2: 32.37 2: 32.370 2: 32.44 2: 32.440 2: 32.440 2: 32.480 2:	5.95 5.95 5.97 5.97 6.01 6.03 6.03 6.10 6.10 6.13 6.16	00.000 00.021 00.041 00.060 00.098	1445.7 1445.6 1445.6 1443.7 1443.0 1443.0 1441.9 1441.9 1442.0 1442.0						
					****	*******	•						

REFID 31 8370 CONSEC 0003 LAT 44 39.0N LONG 049 05.5W	MONTH 04 DAY 09	BOTOP 00146 SHIP EV DATA USE I AREA 05	WET BE	JLB 01-2 TR 1029.5		GT PER 2 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	04	TRACE		00.1	TEN SQ 1306 5 SQUARE 2 2 SQUARE 48 1 SQUARE 49
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DXY G	P04	TOT P	NO2	NO3	S103 PH
	STD 00000	- 0.12	32.71	26.29	00.000	1445.6						
96.6	OBS 00000	- 0.12	32.708	26.29		1445.6						
	STD 00010	- 0.12	32.71	26.29	00.017	1445.7						
	OBS 00010	- 0.12	32.700	26.29		1445.7						
	STD 00020		32.73	26.31	00.035	1444.9						
	OBS 00020		32.726	26.31		1444.9						
	OBS 00025		32.801	26.39		1442.8						
	STD 00030		32.82	26.40	00.052	1442.8						
	085 00030		32.817	26.40		1442-8						
	STD 00050		32.86	26.44	00.084	1442.8						
	OBS 00050		32.860	26.44		1442 - 8						
	OBS 00058		32.886	26.46		1442 - 7						
	085 00068		32.894	26.47		1442.8						
	STD 00075		32.91	26.49	00.123	1442.6						
	085 00075		32.915	26.49		1442.6						
	OBS 00085		32.976	26.54		1442.1						
	STD 00100		33.05	26.61	00.160	1442.0						
	OBS 00100		33.050	26.61		1442.0						
	OBS 00105		33.080	26.63		1442.4						
	OBS 00119		33.110	20.65		1442-7						
	STD 00125		33.18	26.71	00.195	1443.3						
	OBS 00125		33.184	26.71		1443.3						
	OBS 00130	- 1.16	33.234	26.75		1443.6						

REFIC CONSE LAT LONG	EC 4	1' 8370 0004 4 37.5N 9 05.5W	MONT	1974 H 04 09 07-2	BOTDP 00347 SHIP EV DATA USE I AREA 05			DIR H 17 SEA CL/TR	_	WIND-DIR WIND-SPD WIND-FOR WEATHER	14	TRACI		00.1	2	EN SQ 1: SQUARE SQUARE SQUARE	2 48
CAS	TNU	M/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXY G	P04	TOT P	N02	N03	\$103	PH	
			STD	00000	00.04	32.73	26.30	00.000	1446.3								
		07.2	OBS	00000	00-04	32.729	26.30		1446.3								
			OBS	00006	00.03	32.740	26.30		1446.4								
			STD	00010	- 0.23	32.72	26.30	00.017	1445.2								
			OBS	00010	- 0.23	32.717	26.30		1445.2								
			085	00014	- 0.60	32.783	26.37		1443.7								
			STD	00020	- 0.70	32.80	26.38	00.034	1443.3								
			OBS	00020	- 0.70	32.799	26.38		1443.3								
			STD	00030	- 1.00	32.87	26.45	00.050	1442-2								
			OBS	00030	- 1.00	32.872	26.45		1442 - 2								
			STD	00050	- 1.16	32.91	26.49	00.082									
			OBS	00050	- 1-16	32.912	26.49		1441-8								
			OBS	00068	- 1.32	32.952	26.53		1441-4								
			STD	00075	- 1.30	32.97	26.54	00.120									
			085	00075	- 1.30	32.960	26.54		1441.7								
			OBS	00078	- 1.38	32.944	26.52		1441.3								
			OBS	00088	- 1.41	د99،32	26.56	00 157	1441.4								
			STD	00100	- 1.39	33.03	26.59	00.157	1441.7								
			OBS STD	00100 00125	- 1.39	33.026 33.17	26.59 26.70	00.192	1441.7								
					- 1.31	33.168	26.70	00.192	1442.7								
			OBS	00125	- 1.31	33.216	26.74		1443.4								
			OBS STD	00150	- 1.23 - 1.03	33.34	26.83	00.224	1444.7								
			085	00150	- 1.03	33.337	26.83	00.224	1444.7								
			CBS	00157	- 0.99	33.341	20.83		1445.0								
			OBS	00174	- 0.87	33.420	26.89		1445.9								
			OBS	00183	- 0.68	33.486	26.94		1447.1								
			STD	00200	- 0.45	33.59	27.01	00.281	1448.6								
			OBS	00200	- 0.45	33.584	27.01		1448.6								
			085	00210	- 0.13	33.695	27.08		1450.3								
			OBS	00215	00.19	33.809	27.16		1452.1								
			OBS	00224	00.48	33.919	27.23		1453.7								
			085	00238	00.64	33.971	27.26		1454.7								
			OBS	00244	00.66	33.976	27.27		1454.9								
			STD	00250	00.76	34.03	27.30	00.327	1455.5								
			OBS	00250	00.76	34.028	27.30		1455.5								
			OBS	00258	00.83	34.046	27.31		1456.0								
			OBS	00278	00.89	34.081	27.34		1456.6								
			STD	00300	01.18	34.18	27.40	00.363									
			OBS	00300	01.18	34-183	27.40		1458.4								
			085	00303	01.18	34.184	27.40		1458.5								
			OBS	00318	01-44	34.269	27.45		1460.0								
			OBS	00324	01.47	34-295	27.47		1460.3								
			OBS	00334	01.74	34.362	27.50		1461.7								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

CONSE LAT LONG	44	8370 0005 38.2N 59.5W	MONT	1974 H 04 09 08.5	BOTOP 00605 SHIP EV DATA USE 1 AREM 05	WET	TEMP 01.8 BULB 00.9 METR 1029.8 D T/A	DIR 6 49 SEA CL/TR	HGT PER X X	HIND-DIR WIND-SPD WIND-FOR WEATHER	10	TR AC	STD REG E DIR TION 011 49	00.3	5 2	N SQ 1306 SQUARE 2 SQUARE 48 SQUARE 48
CAS	TNUN	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	\$103	PH
			STO	00000	- 0.85	32.86	26.43	00.000	1442.4							
		08.5	OBS STD	00000	- 0.85 - 0.85	32.856	26.43		1442.4							
			085	00010	~ 0.85	32.86 32.850	26.43 26.43	00.016	1442.5							
			STO	00020	- 0.84	32.85	26.43	00.032	1442.8							
			DBS	00020	- 0.84	32.855	26.43		1442.8							
			STD	00030	- 0.88	32.86	26.44	00.048	1442.7							
			08 S	00030	- 0.88 - 0.91	32.861	26.44 26.48		1442.7							
			OBS	00039	- 1.05	32.920	26.49		1442.2							
			OBS	00044	- 1.29	32.943	26.52		1441 -2							
			STD	00050	- 1.36	32.95	26.52	00.079	1441.0							
			OBS STD	00059	- 1.44	32.960	26.54	00 117	1440 - 7							
			OBS	00015	- 1.55 - 1.57	32.97 32.997	26.55 26.57	00.117	1440.5							
			STD	00100	- 1.52	33.06	26.62	00.153	1441.2							
			OBS	00100	- 1.52	33.065	26.62		1441.2							
			085	00108	- 1.52	33.184	26.72		1441.5							
			STD	00125	- 1.37 - 1.37	33.36 33.364	26.86	00.186	1442.7							
			OBS	00134	- 1.03	33.524	26.86 26.98		1442.7							
			STD	00150	- 0.89	33.57	27.01	00.214	1445.7							
			085	00165	- 0.47	33.620	27.04		1447.9							
			085	00169	- 0.31	33.666	27.07		1448.8							
			OBS OBS	00175 00185	- 0.18 - 0.17	33.669	27.06 27.08		1449.5							
			OBS	00188	- 0.16	33.707	27.09		1449.9							
			OBS	00195	- 0-04	33.747	27.12		1450.6							
			STD	00200	- 0.02	33.75	27.12	00.264	1450.8							
			085 085	00200	- 0.02	33.750	27.12		1450.8							
			085	00210	00.06	33.793 33.869	27.15 27.21		1451.4							
			OBS	00229	00.18	33.945	27.27		1452.4							
			OBS	00235	00.53	34.000	27.29		1454.2							
			STD	00250	00.71	34.04	27.32	00.307	1455.3							
			OBS STD	00260	00.85 01.53	34.084	27.34	00 341	1456 .2							
			085	00300	01.53	34.31 34.314	27.48 27.48	00.341	1460.2							
			085	00310	01.53	34.382	27.53		1460.4							
			08\$	00316	01.58	34.406	27.55		1460.8							
			OBS	00326	01.96	34.434	27.54		1462.7							
			08S 08S	00340	01.92 02.08	34.452	27.56 27.58		1462.8							
			OBS	00350	02.19	34.500	27.58		1463.6							
			OBS	00356	02.08	34.493	27.58		1463.8							
			OBS	00365	02.18	34.510	27.59		1464.4							
			08S 08S	00370 00386	02.16	34.551	27.62		1464 . 4							
			STD	00400	02.22	34.615 34.62	27.67 27.65	00.396	1465.1							
			OBS	00400	02.44	34.618	27.65	00.570	1466.3							
			085	00411	02.53	34.635	27.66		1466.9							
			085	00419	02.57	34.640	27.66		1467.2							
			OB S OB S	00465	02.94 02.94	34.727 34.744	27.69		1469.6							
			085	00479	02.95	34.820	27.71 27.77		1469.9							
			STD	00500	03.10	34.83	27.76	00.439	1471.0							
			085	00509	03.21	34.846	27.76		1471.7							
			280	00520	03.33	34.874	27.78		1472.4							
			OBS OBS	00530 00539	03.36	34.898 34.915	27.79		1472.8							
			OBS	00560	03.68	34.934	27.79 27.79		1473.5							
			STO	00400	03.68	34.92	27.78	00.477								
			085	00600	03.68	34.920	27.78		1475.3							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

	8370 0006 35.8N 47.0W	MONT	1974 H 04 09 10.3	BOTDP 02195 SHIP EV DATA USE 1 AREK 05	WET BARD			GT PER 0 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	08	TRACE		00.4	5	N SQ 1306 SQUARE 2 SQUARE 48 SQUARE 48
CASTNUP	VTIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXY G	P04	TOT P	NO2	N03	\$103	PH
		STD	00000	- 1.14	32.63	26.26	00.000	1440.7							
	10.3	08 S	00000	- 1-14	32.629	26.26		1440.7							
		OBS	00006	- 1.15 - 1.20	32.643 32.65	26.27 26.28	00.018	1440.8							
		085	00010	- 1.20	32.650	26.28	00.018	1440.6							
		STD	00020	- 1.25	32.66	26.29	00.035	1440.6							
		OBS	00020	- 1.25	32.657	26.29		1440.6							
		STD	00030	- 1.39	32.71	26.33	00.052								
		D8S STD	00030	- 1.39 - 1.45	32.71u 32.74	26.33	00.086	1440 .1							
		085	00050	- 1.45	32.736	26.35	00.000	1440.2							
		OBS	00056	- 1.42	32.808	26.41		1440-6							
		OBS	00064	- 1.05	32.921	26.49		1442.6							
		OBS STD	00066	- 0.45	33.217	26.71	00.123	1445.8							
		085	00075 00083	- 0.06	33.30 33.387	26.76 26.82	00.123	1449.4							
		STD	00100	00.62	33.58	26.95	00.153								
		OBS	00100	00.62	33.580	26.95		1451.8							
		OBS	00109	00.99	33.845	27.14		1454.0							
		STD	00125 00125	02.36	33.98 33.97	27-15 27-15	06.179	1460.5							
		OBS	00123	03.05	34.108	27.19		1463.8							
		OBS	00144	03.17	34.165	27.23		1464.6							
		STD	Q0150	03.17	34.18	27.24	00.201	1464.7							
		085	00166	03.18	34.237	27.28		1465-1							
		OBS OBS	00179	03.40	34.307 34.435	27.32 27.30		1466.3							
		STD	00200	04.49	34.44	27.31	00.242								
		OBS	00200	04.49	34.443	27.31		1471.4							
		OBS	00205	04.56	34.454	27.31		1471.8							
		STD	00250	04.34	34.49	27.37	00.281								
		08S 08S	00250 00266	04.34	34.492 34.517	27.37		1471.7 1471.8							
		OBS	00273	04.23	34.527	27.41		1471.7							
		STD	00300	04.22	34.56	27.43	00.316	1472.1							
		OBS	00306	04.20	34.567	27.44		1472.1							
		085	00320	04-13	34.586	27.47		1472.1							
		08 S	00332 00379	04-16	34.601 34.624	27.47		1472.5 1472.6							
		OBS	00394	04.01	34.663	27.54		1472.9							
		STD	00400	04-11	34.67	27.53	00.381								
		OBS	00400	04-11	34.667	27.53		1473.5							
		OBS OBS	00407 00466	04.04	34.659 34.714	27.53		1473.3							
		OBS	00485	03.94	34.743	27.61		1474.3							
		STD	00500	04.03	34.78	27.63	00.437								
		OBS	00500	04.03	34.781	27.63		1474.9							
		OBS	00506	04.06	34.785	27.63		1475.2							
		08S 08S	00532 00559	04.03 04.01	34.808 34.830	27.65 27.67		1475.5							
		STD	00600	03.85	34.85	27.70	00.485								
		OBS	00600	03.85	34.840	27.70	.,	1475.9							
		OBS	00621	03.73	34.852	27.72		1475.8							
		085	00666	03.69	34.890	27.75		1476.4							
		OBS STD	00675 00700	03.69	34.895 34.90	27.76 27.76	00.529	1476.6							
		085	00700	03.69	34.895	27.76	004361	1477.0							
		STD	00800	03.69	34.90	27.76	00.570	1478.6							
		OBS	00800	03.69	34.899	27.76		1478-6							
		STD	00900	03.69	34.90 34.899	27.76 27.76	00.613	1480.3							
		OBS	01000	03.69	34.899	27.76	00.656								
		OBS	01000	03.69	34.899	27.76		1482.0							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0007 LAT 44 32.7N LONG 048 31.0W	YEAR MONTH DAY HOUR	04	BOTDP 02926 SHIP EV DATA USE 1 AREA 05	AIR T WET B BAROM CLUUD	ULB 02.3 ETR 1027.3		GT PER L 3	WIND-DIR WIND-SPD WIND-FOR WEATHER		TRAC!		ORDER D 00.4	5	N SQ 1: SQUARE SQUARE SQUARE	48
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	OXY G	PU4	TOT P	NO2	NO3	\$103	PH	
	STD	00000	02.50	33.03	26.38	00.000	1457.8								
12.7	085	00000	02.50	33.030	26.38	00.016	1457.8								
	STO OBS	00010	02.56	33.06U	26.40 26.40	00.016	1458.2								
	STD	00020	02.58	33.07	26.40	00.033	1458.5								
	085	00020	02.58	33.070	26.40		1458.5								
	STO	00030	02.60	33.08	26.41	00.049	1458.8								
	DBS	00030	02-60	33.080	26.41	00 003	1458.8								
	STD OBS	00050	02.65	33.10 33.100	26.42 26.42	00.082	1459.3								
	085	00069	02.70	33.200	26.50		1460.0								
	STD	00075	02.82	33.19	26.48	00.121	1460.6								
	OBS	00075	02.82	33.190	20.48		1460.6								
	OBS	00083	01.90	33.240	26.59		1456.8								
	OBS	00090	01-74	33.466	26.78	00 154	1456.5								
	STD DBS	00100	01.96 01.96	33.55 33.556	26.84 26.84	00.156	1457.7								
	08\$	00111	03.05	33.810	26.95		1463.0								
	STD	00125	03.48	33.93	27.01	00.185	1465.3								
	08.5	00125	03.48	33.930	27.01		1465.3								
	STD	00150	04.26	34.07	27.04	00.211	1469.2								
	OBS	00150	04.26	34.070	27.04		1469.2								
	08S 08S	00167	04.55	34.100	27.03 27.14		1470.7								
	STD	00200	04.73	34.29	27.17	00.261									
	085	00200	04.73	34.290	27.17		1472.2								
	OBS	00210	04.23	34.270	27.20		1470.3								
	085	00241	04.17	34.300	27.23		1470.6								
	STD	00250	03.91	34.30	27.26 27.26	00.305	1469.6 1469.6								
	OBS OBS	00250	03.91	34.30U 34.340	27.20		1469.8								
	STD	00300	04.33	34.46	27.34	00.345	1472.4								
	OBS	00300	04.33	34.460	27.34		1472.4								
	OB5	00312	04.52	34.494	27.35		1473.5								
	085	00361	04.77	34.570	27.38		1475-4								
	085	00373	04.70	34.570	27.39		1475.3								
	08 S 08 S	00382	04.70	34.600 34.610	27.41		1475.5 1476.0								
	STD	00400	04.77	34.62	27.42	00.419	1476.1								
	OBS	00400	04.77	34.620	27.42		1476.1								
	OBS	00433	04.52	34.610	27.44		1475.6								
	OBS	00442	04-41	34.620	27.46		1475.3								
	OBS	00452	04.46	34.630 34.630	27.46 27.47		1475.7 1475.7								
	OBS STD	00500	04.34	34.65	27.45	00.487	1476.0								
	OBS	00500	04.34	34.650	27.49	••••	1476.0								
	STD	00600	04.15	34.70	27.55	OC.550	1477.0								
	OBS	00600	04.15	34.700	27.55		1477.0								
	OBS	00661	04.02	34.730	27.59		1477.5								
	STD	00700	04.03	34.75	27.61	00.608	1478.2								
	OBS	00700	04.03	34.75U 34.79	27.61 27.66	00.662	1478.2 1479.1								
	OBS	00800	03.84	34.790	27.66	001002	1479.1								
	OBS	00844	03.75	34.810	27.68		1479.5								
	OBS	00870	03.88	34.820	27.68		1480.5								
	OBS	00880	03.77	34.840	27.70	00 310	1480.2								
	STD	00900	03.75	34.84 34.84U	27.71	00.712	1480.5								
	OBS	01000	03.75	34.90	27.71 27.76	00.757	1482.1								
	OBS	01000	03.72	34.900	27.76	000.31	1482.1								
	OBS	01031	03.68	34.910	27.77		1482.5								

TABLE I. CGC EVERGREEN, April-June 1974—(Continued)

CASTMUN/TIME LVLTYP DEPTH		8370 0008 28.8N 13.0W	MONT	1974 H 04 09 15-2	BOTDP 03339 SHIP EV DATA USE I AREA 05			06	GT PER 0 2	WIND-DIE WIND-SPE WIND-FOE WEATHER	00	TRACE		00.4	5	N SQ 13 SQUARE SQUARE SQUARE	48
15-2 DBS 0000 00.0-93 33.2-80 26.8-8	CASTNU	VTIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXYG	P04	TOT P	NO2	N03	\$103	РН	
15+2 DBS			STD	00000	00.93	33.28	26.69	00.000	1451.1								
085 0010 00-93 33-260 26-69 1451-3 1556-6 0870 0020 02-46 33.5-15 26-77 0880 0020 02-65 33.5-33 26-78 0880 0020 02-55 33.5-33 26-78 0880 0020 02-55 33.5-33 26-78 0880 0020 02-55 33.5-33 26-78 0880 0020 02-64 33.5-36 26-77 0880 0020 02-64 33.5-36 26-77 0880 0020 02-67 03-25 33.6-67 26-81 0881 0020 03-25 33.6-67 26-81 0881 0020 03-25 33.6-67 26-81 0881 0020 03-27 34-22 27-25 0881 0020 03-27 34-22 27-25 0881 0020 03-27 34-22 27-25 0881 0020 03-27 34-22 27-25 0881 0022 04-25 34.35 27-27 0881 00120 03-27 34-22 27-25 0881 00120 03-27 34-22 27-25 0881 00120 03-27 34-22 27-25 0881 00120 03-27 34-22 27-25 0881 00120 03-27 34-22 27-25 0881 00120 03-27 34-22 27-25 0881 00120 03-27 34-22 27-25 0881 00120 03-27 34-22 27-25 0881 00120 03-27 34-22 27-25 0881 00120 03-27 34-22 27-25 0881 00120 03-28 34-35 27-27 0881 00120 03-28 34-35 27-27 0882 00120 04-88 34-50 27-34 0883 00120 04-88 34-50 27-34 0883 00200 04-88 34-50 27-34 0884 00120 03-28 34-35 27-27 0885 00220 04-88 34-50 27-34 0885 00200 04-88 34-50 27-34 0885 00200 04-88 34-50 27-34 0885 00200 04-89 34-78 27-56 0885 00200 04-89 34-78 27-56 0885 00200 04-89 34-78 27-56 0885 00200 04-87 34-78 27-56 0885 00200 04-97 34-78 27-56 0885 00200 04-98 34-78 27-56 0885 00200 04-97 34-78 27-56 0885 00		15.2		00000	00.93		26.69										
STD 0020 02-46 33.5-11 26.77 00.027 1498-6 00.004 02-69 33.5-11 26.77 00.027 1498-6 00.004 02-69 33.5-13 26.78 00.004 02-69 33.5-13 26.78 00.004 02-69 33.5-13 26.78 00.004 02-69 33.5-13 26.78 00.004 02-69 33.5-13 26.78 00.004 02-69 33.5-13 26.78 00.004 02-69 33.5-13 26.78 00.004 02-69 33.5-13 26.78 00.005 03.2-14 33.6-13 28.81 00.007 03.005 03.1-14 33.6-13 28.81 00.007 03.005 03.1-14 33.6-14 02-69 33.6-14					00.93	33.28		00.014									
085 00020								00 027									
STD 00030 02.55 33.5.35 26.78 00.040 1459.2 085 00020 02.55 33.5.35 26.78 199.2 085 00040 02.68 33.5.35 26.78 199.2 085 00059 03.47 33.60 26.81 00.00.065 1452.4 085 00075 03.25 33.6.57 26.81 1453.8 085 00075 03.25 33.6.67 26.81 1453.8 085 00075 03.27 34.20 27 24.81 1463.1 1463								00.027									
085 00050 02.55 33.551 20.78								00.040	1459.2								
STD 00050 03.24 33.630 26.80 00.055 1462.6 085 00059 03.47 33.640 26.81 00.055 1463.8							26.78		1459.2								
085 00059 03-47 33-680 26-81 00-077 03-25 33-65 26-81 00-077 03-25 33-65 26-81 00-077 03-25 33-65 26-81 00-077 03-25 33-65 26-81 00-077 03-25 33-65 26-81 00-077 03-25 33-65 26-81 00-077 03-25 33-65 26-81 00-077 03-25 33-65 26-81 00-077 03-25 33-65 26-81 03-077 03-25 33-65 26-81 03-077 03-25 34-202 27-25 00-123 04-26 27-25 00-123 04-26 27-25 00-123 04-26 27-27 00-143 14-63 10-144-3 08-144				00040													
STD 00075 03.25 33.66 26.81 00.097 1463.1 OBS 00075 03.25 33.615 26.81 0.00.097 1463.1 OBS 00076 03.27 34.10 27.15 00.123 1464.3 OBS 00100 03.27 34.10 27.15 00.123 1464.3 STD 00125 04.25 34.35 27.27 00.143 1469.1 OBS 00125 04.26 34.35 00.77 32.4 00.163 1471.3 OBS 00125 04.88 34.79 27.34 00.163 1471.3 OBS 00100 03.77 34.45 00.163 1471.3 OBS 00200 04.88 34.79 27.54 00.197 1473.5 OBS 00239 04.87 34.789 27.54 00.197 1473.5 OBS 00239 04.87 34.789 27.54 00.197 1473.5 OBS 00200 05.30 34.99 27.66 00.225 1477.2 STD 00300 05.30 34.99 27.66 00.252 1477.2 OBS 00300 05.30 34.99 27.66 00.252 1477.2 OBS 00300 05.30 34.99 27.66 00.252 1477.2 OBS 00300 05.43 35.00 27.65 1478.3 OBS 00400 04.44 34.95 27.72 00.297 1475.2 OBS 00400 04.44 34.95 27.77 1475.7 OBS 00400 04.44 34.95 27.77 1475.7 OBS 00400 04.43 35.00 27.78 1475.4 OBS 00400 04.43 35.00 27.78 1475.4 OBS 00400 04.43 35.00 27.78 1475.4 OBS 00400 04.47 35.10 27.78 1475.7 OBS 00540 04.31 35.00 27.78 1475.4 OBS 00540 04.31 35.00 27.78 1475.4 OBS 00540 04.17 35.18 27.99 1479.4 OBS 00540 04.17 35.18 27.99 1479.4 OBS 00540 04.17 35.18 27.99 1479.4 OBS 00500 04.17 35.18 27.99 1479.4 OBS 00500 04.17 35.18 27.99 1479.4 OBS 00500 04.17 35.18 27.99 1479.4 OBS 00600 04.17 35.18 27.79 1460.79 1					03.24			00.065									
OBS 00075 03.29 33.657 26.81 1463-1 STD 00100 03.27 34.20 27.17 00.123 1464-2 STD 00100 03.27 34.20 27.25 00.123 1464-3 STD 00125 04.25 34.30 27.27 00.143 1469-1 OBS 00125 04.25 34.35 27.27 00.143 1469-1 OBS 00125 04.29 34.35 27.27 00.143 1469-1 OBS 00150 04.68 34.50 27.34 01.13 1471-5 OBS 00150 04.68 34.50 27.34 01.19 1471-5 OBS 00200 04.88 34.787 27.54 00.197 1473-5 OBS 00230 04.87 34.789 27.54 00.257 1474-1 OBS 00250 04.87 34.789 27.56 00.257 1477-2 OBS 00250 34.99 <t< td=""><td></td><td></td><td></td><td></td><td>03.47</td><td></td><td></td><td>00.097</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>					03.47			00.097									
OBS ODG								00.091									
STD 00100 03,27 34,20 27,25 00.123 146+.3 STD 00125 04.25 34,35 27,27 0.143 146+.3 UBS 00102 04.68 34,50 27,34 0.163 1471.5 UBS 00150 00150 04.68 34,50 27,34 0.163 1471.5 UBS 00173 03,77 34,453 27,34 1465.0 UBS 00173 03,77 34,453 27,34 1472.3 UBS 00200 04.88 34,787 27,34 1472.3 UBS 00200 04.88 34,787 27,34 1472.3 UBS 00200 04.88 34,787 27,54 00.197 1473.5 UBS 00200 04.92 34,819 27,35 00.225 1474.6 UBS 00250 04.92 34,819 27,35 00.225 1474.6 UBS 00250 04.92 34,819 27,36 00.225 1474.6 UBS 00200 04.92 34,819 27,36 00.225 1477.6 UBS 00200 04.92 34,819 27,36 00.225 1477.6 UBS 00200 04.92 34,819 27,36 00.225 1477.6 UBS 00300 05.50 34,99 27,66 1477.9 UBS 00300 05.10 34,99 27,66 1477.9 UBS 00300 05.45 335.050 27,66 1477.1 UBS 00300 04.44 34,95 27,72 00.297 1475.2 UBS 00400 04,44 34,95 27,72 00.297 1475.2 UBS 00400 04,44 34,95 27,72 00.297 1475.2 UBS 00400 04,43 34,951 27,72 1475.2 UBS 00400 04,43 35.027 27,83 1476.1 UBS 00400 04,44 34,95 27,72 00.297 1475.2 UBS 00400 04,43 35.027 27,83 1476.1 UBS 00400 04,43 35.027 27,83 1476.1 UBS 00400 04,41 34,951 27,72 1475.2 UBS 00400 04,31 35.027 27,83 1476.1 UBS 00400 04,31 35.051 27,81 1476.1 UBS 00400 04,31 35.05 27,81 1476.1																	
STD 00125 04.25 34.35 27.27 00.143 1469.1 OBS 00125 04.25 34.35 27.27 1469.1 OBS 00126 04.91 34.50b 27.32 1469.1 STD 00150 04.68 34.50b 27.32 1.34 00.163 1471.3 OBS 00127 04.88 34.50 27.34 00.163 1471.3 OBS 00219 04.88 34.787 27.54 00.197 1473.5 OBS 00220 04.88 34.787 27.54 1473.5 OBS 00220 04.88 34.789 27.54 1473.5 STD 00250 04.92 34.82 27.56 00.225 1474.6 OBS 00250 04.92 34.819 27.56 1474.6 OBS 00250 04.92 34.819 27.56 1474.6 OBS 00250 05.51 34.976 27.66 1474.6 OBS 00329 05.53 35.926 27.66 1477.2 OBS 00300 05.53 35.026 27.66 1479.1 OBS 00300 05.53 35.026 27.66 1479.1 OBS 00300 05.53 35.026 27.65 1477.2 OBS 00300 04.44 34.95 27.72 00.297 1475.2 OBS 00420 04.44 34.95 27.72 00.297 1475.2 OBS 00420 04.47 34.958 27.72 1475.7 OBS 00400 04.44 34.95 27.72 188 1475.7 OBS 00400 04.47 34.958 27.72 188 1475.7 OBS 00400 04.47 34.958 27.75 1475.7 OBS 00400 04.31 35.027 27.88 1476.5 OBS 00500 04.31 35.051 27.88 1476.5 OBS 00500 04.31 35.051 27.88 1476.5 OBS 00500 04.31 35.051 27.88 1476.5 OBS 00500 04.31 35.052 27.80 1476.5 OBS 00500 04.31 35.050 27.80 1476.5 OBS 00500 04.31 35.052 27.80 1476.5 OBS 00500 04.31 35.050 27.80 1476.5 OBS 00500 04.31 35.050 37.00 14.8				00100		34.20	27.25	00.123	1464.3								
085 00125 04-25 34-35-6 27-37 1469-1 085 00145 04-91 34-50- 27-32 1472-3					03.27		27.25										
085 00142 04-91 34-506 27-32 1472-3 STO 00150 04-68 34-50 27-34 00-163 1471-5 085 00150 04-68 34-50 27-34 1471-5 085 00150 04-68 34-50 27-34 1471-5 STO 0020 04-88 34-79 27-59 00-197 1468-0 STO 0020 04-88 34-79 27-59 0085 00239 04-87 34-818 27-59 085 00250 04-92 34-82 27-56 085 00250 04-92 34-82 27-56 085 00250 04-92 34-819 27-56 085 00250 04-92 34-819 27-56 085 00250 05-51 34-976 27-66 085 00250 05-51 34-976 27-66 085 00309 05-30 34-995 27-66 085 00309 05-30 34-995 27-66 085 00309 05-53 34-93-5 27-66 085 00300 05-53 34-93-5 27-66 085 00300 04-67 34-98 27-76 085 00300 04-67 34-98 27-76 085 00300 04-67 34-98 27-76 085 00300 04-67 34-98 27-76 085 00300 04-67 34-98 27-76 085 00400 04-44 34-95 27-76 085 00400 04-47 34-98 27-77 085 00400 04-31 35-05 27-77 085 00450 04-31 35-05 27-78 085 00450 04-31 35-05 27-78 085 00450 04-47 34-98 27-75 085 00450 04-31 35-05 27-78 085 00450 04-31 35-05 27-78 085 00450 04-31 35-05 27-78 085 00450 04-31 35-05 27-78 085 00450 04-31 35-05 27-78 085 00450 04-31 35-05 27-78 085 00450 04-31 35-05 27-78 085 00450 04-31 35-05 27-78 085 00450 04-31 35-05 27-78 085 00450 04-31 35-05 27-80 085 00500 04-31 35-05 27-80 20-20 27-80 085 00500 04-31 35-05 27-80 20-20 27-80 085 00500 04-31 35-05 27-80 20-20 27-80							27.27	00.143									
\$10 0150 04.68 34.500 27.34 085 00150 04.68 34.500 27.34 1471.5 085 00150 04.68 34.500 27.34 1471.5 085 00173 03.77 34.853 27.40 085 00201 04.88 34.79 27.54 085 00202 04.88 34.79 27.54 085 00203 04.88 34.79 27.55 085 00203 04.82 34.79 27.54 085 00250 04.92 34.819 27.56 085 00250 04.92 34.819 27.56 085 00250 04.92 34.819 27.56 085 00250 05.51 34.99 27.66 085 00300 05.30 34.99 27.66 1477.2 085 00308 05.33 35.020 27.65 085 00308 05.33 35.020 27.65 085 00308 05.53 35.050 27.66 1478.3 085 00300 04.44 34.93 27.76 085 00400 04.44 34.951 27.76 085 00400 04.44 34.951 27.76 085 00400 04.47 34.98 27.77 085 00400 04.41 35.012 27.78 085 00480 04.31 35.05 27.81 1475.7 085 00480 04.31 35.05 27.81 1475.7 085 00480 04.31 35.05 27.81 1476.1 085 00480 04.31 35.05 27.81 1476.1 085 00480 04.31 35.05 27.81 1476.1 085 00480 04.31 35.05 27.81 1476.1 085 00480 04.31 35.05 27.81 1476.1 085 00480 04.31 35.05 27.81 1476.5 085 00480 04.31 35.05 27.81 1476.5 085 00480 04.31 35.05 27.81 1476.5 085 00480 04.31 35.05 27.81 1476.5 085 00480 04.31 35.05 27.81 1476.5 085 00480 04.31 35.05 27.81 1476.5 085 00480 04.31 35.05 27.81 1476.5 085 00480 04.31 35.05 27.81 1476.5 085 00480 04.31 35.05 27.81 1476.5 085 00480 04.31 35.05 27.81 1476.5 085 00480 04.31 35.05 27.81 1476.5 085 00480 04.31 35.05 27.81 1476.5 085 00480 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 085 0050 04.31 35.05 27.81 1476.5 086 0050 04.31 35.05 27.81 1476.5 086 0050																	
OBS 00150								00-163									
STD 00200 04-88 34-79 27-54 00-197 1473-5 OBS 00200 04-88 34-787 27-54 00-197 1473-5 OBS 00200 04-88 34-787 27-54 00-197 1473-5 OBS 00200 04-88 34-787 27-54 00-197 1473-5 OBS 00250 04-87 34-782 27-54 00-197 1473-5 OBS 00250 04-87 34-782 27-54 00-197 1473-5 OBS 00250 04-87 34-782 27-54 00-197 1474-6 OBS 00250 04-87 34-982 27-54 00-197 1474-6 OBS 00250 04-93 34-92 27-54 00-197 1474-6 OBS 00300 05-30 34-99 27-64 00-252 1477-2 OBS 00300 05-53 35-050 27-65 1478-3 OBS 00370 04-55 34-931 27-69 00-297 1475-2 OBS 00370 04-43 34-95 27-72 00-297 1475-2 OBS 00400 04-44 34-95 27-77 1475-7 OBS 00407 04-43 34-95 27-77 1475-7 OBS 00457 04-41 35-017 27-78 1476-1 OBS 00457 04-41 35-017 27-78 1476-1 OBS 00450 04-31 35-05 27-81 00-336 1476-5 OBS 00504 04-31 35-05 27-81 00-336 1477-6 OBS 00504 04-17 35-10 27-83 1477-6 OBS 00504 04-17 35-10 27-83 1477-6 OBS 00507 04-17 35-11 27-88 00-368 1477-6 OBS 00509 04-31 35-05 27-81 00-368 1477-6 OBS 00509 04-25 35-173 27-90 1478-6 OBS 00700 04-17 35-18 27-93 1479-6 OBS 00707 04-17 35-18 27-93 1479-6 OBS 00707 04-17 35-18 17-93 1479-6 OBS 00707 04-17 35-18 17-93 1479-6 OBS 00707 04-17 35-18 17-93 1479-6 OBS 00709 04-12 35-24 27-99 00-420 1480-9 OBS 00808 03-93 35-220 27-97 1499-8 OBS 00809 04-12 35-24 27-99 00-420 1480-9 OBS 00809 04-12 35-24 27-99 00-420 1480-9 OBS 00809 04-12 35-24 27-99 00-420 1480-9 OBS 00809 03-93 35-220 28-04 1480-9 OBS 00809 03-95 35-220 28-04 1480-9 OBS 00809 03-95 35-220 28-04 1480-9								***************************************									
OBS O0200 O4.88 34.787 27.54 1473.5 OBS O0250 O4.92 34.82 27.56 O0.225 1474.6 OBS O0250 O4.92 34.819 27.56 O0.225 1474.6 OBS O0250 O4.92 34.819 27.56 O0.225 1474.6 OBS O0250 O5.51 34.976 27.62 O0.225 1477.2 OBS O0200 O5.50 34.999 27.66 O0.225 O				00173		34.453	27.40										
No.			STD	00200	04.88			00.197									
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085 00638 04.25 35.155 27.90 1478.6 085 00679 04.25 35.173 27.92 1479.3 STD 00700 04.17 35.18 27.93 00.396 1479.4 085 00700 04.17 35.181 27.93 1479.4 085 00719 04.15 35.193 27.95 1479.6 085 00727 04.16 35.220 27.97 1479.8 085 00730 04.24 35.220 27.96 1480.2 085 00748 04.26 35.222 27.96 1480.6 085 00761 04.22 35.24 27.98 1480.6 085 00761 04.22 35.24 27.98 1480.9 STD 00800 04.12 35.24 27.99 00.420 1480.9 STD 0080 04.12 35.24 27.99 00.420 1480.9 085 00828 03.91 35.227 28.00 1480.5 085 00828 03.93 35.235 28.01 1480.7 085 00850 03.88 35.27 28.00 1480.5 085 00800 03.84 35.225 28.04 1480.6 085 00900 03.88 35.27 28.04 00.439 1481.6 085 00900 03.88 35.27 28.04 00.439 1481.6 085 00900 03.88 35.27 28.04 1481.6 085 00900 03.88 35.27 28.04 1481.6 085 00900 03.88 35.27 28.04 1481.6 085 00900 03.88 35.27 28.04 1481.6 085 00900 03.88 35.27 28.04 1481.6 085 00900 03.88 35.27 28.04 1481.6 085 00907 03.88 35.27 28.04 1481.6 085 00907 03.88 35.27 28.04 1481.6 085 00907 03.88 35.27 28.04 1481.6 085 00907 03.88 35.27 28.04 1481.6 085 00907 03.88 35.27 28.04 1481.6 085 00907 03.88 35.27 28.04 1481.6 085 00907 03.88 35.27 28.04 1481.6 085 00907 03.88 35.27 28.04 1481.6 085 00907 03.88 35.27 28.04 1481.6 085 00907 03.88 35.27 28.04 1481.6 085 00907 03.88 35.28 28.04 1481.6 085 00907 03.88 35.28 28.04 1481.6																	
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STD 00700 04.17 35.18 27.93 00.396 1479.4 085 00700 04.17 35.18 27.93 1479.4 085 00719 04.15 35.193 27.95 1479.6 085 00727 04.16 35.220 27.97 1479.8 085 00730 04.24 35.220 27.96 1480.2 085 00748 04.26 35.222 27.96 1480.6 085 00761 04.22 35.222 27.96 1480.6 085 00768 04.20 35.241 27.98 1480.9 STD 00800 04.12 35.241 27.98 1480.9 085 00800 04.12 35.240 27.99 00.420 1480.9 085 00800 04.12 35.240 27.99 1480.9 085 00808 03.93 35.239 28.00 1480.5 085 00828 03.91 35.227 28.00 1480.5 085 00850 03.88 35.227 28.01 1480.8 085 00890 03.84 35.256 28.03 1480.8 STD 00900 03.88 35.27 28.04 00.439 1481.6 085 00900 03.88 35.27 28.04 00.439 1481.6 085 00900 03.88 35.27 28.04 1481.6 085 00900 03.88 35.27 28.04 1481.6 085 00907 3.88 35.27 28.04 1481.6 085 00907 3.88 35.27 28.04 1481.6 085 00907 3.88 35.27 28.04 1481.6 085 00907 3.88 35.27 28.04 1481.6 085 00907 3.88 35.282 28.04 1482.1 STD 01000 03.77 35.31 28.08 00.455 1482.9																	
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085 00730 04.24 35.220 27.96 1480.2 085 00748 04.26 35.222 27.96 1480.6 085 00761 04.22 35.222 27.97 1480.7 085 00778 04.20 35.241 27.98 1480.9 STD 00800 04.12 35.24 27.99 00.420 1480.9 085 00800 04.12 35.240 27.99 1480.9 085 00808 03.91 35.227 28.00 1480.9 085 00838 03.93 35.239 28.00 1480.7 085 00850 03.89 35.235 28.01 1480.8 085 00850 03.89 35.235 28.01 1480.8 STD 00900 03.88 35.27 28.04 00.439 1481.3 STD 00900 03.88 35.27 28.04 1481.6 085 00927 03.88 35.222 28.04 1482.1 STD 01000 03.77 35.31 28.08 00.455 1482.9					04.15	35.193											
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OBS O0836 O3.93 35.239 28.00 1480.7 OBS O0850 O3.89 35.235 28.01 1480.8 OBS O0890 O3.84 35.256 28.03 1481.3 STD O0900 O3.88 35.27 28.04 00.439 1481.6 OBS O0900 O3.88 35.27.2 28.04 1481.6 OBS O0927 O3.88 35.282 28.04 1482.1 STD O1000 O3.777 35.31 28.08 O0.455 1482.9 OBS O1000 O3.777 35.31 28.08 O0.455 1482.9																	
08S 00850 03.89 35.235 28.01 1480.8 08S 00890 03.84 35.256 28.03 1481.3 STD 00900 03.88 35.27 28.04 00.439 1481.6 08S 00900 03.88 35.272 28.04 1481.6 08S 00927 03.88 35.282 28.04 1481.6 STD 01000 03.77 35.31 28.08 00.455 1482.9 08S 01000 03.77 35.31 28.08 00.455 1482.9																	
OBS 00890 03.84 35.256 28.03 1481.3 STD 00900 03.88 35.27 28.04 00.439 1481.6 OBS 00900 03.88 35.272 28.04 1481.6 OBS 00927 03.88 35.282 28.04 1482.1 STD 01000 03.77 35.31 28.08 00.455 1482.9 OBS 01000 03.77 35.314 28.08 1482.9					03.93												
STD 00900 03.88 35.27 28.04 00.439 1481.6 OBS 00900 03.88 35.272 28.04 1481.6 OBS 00927 03.88 35.282 28.04 1482.1 STD 01000 03.77 35.31 28.08 00.455 1482.9 OBS 01000 03.77 35.31 28.08 1482.9																	
OBS 00900 03.88 35.272 28.04 1481.6 OBS 00927 03.88 35.282 28.04 1482.1 STD 01000 03.77 35.31 28.08 00.455 1482.9 OBS 01000 03.77 35.312 28.08 1482.9								00.439									
STD 01000 03.77 35.31 28.08 00.455 1482.9 OBS 01000 03.77 35.314 28.08 1482.9			OBS	00900	03.88	35.274	28.04		1481.6								
OBS 01000 03.77 35.314 28.08 1482.9					03.88												
MD9 ATAMA A2011 330314 500AB 14850A					03.77			00.455									
OBS 01019 03.76 35.320 28.09 1483.2						35.320											

TABLE I. CGC EVERGREEN, April-June 1974—(Continued)

REFIC CONSE LAT LONG	EC 44	8370 0009 23.2N 45.5W	YEAR MONTH DAY HOUR	1 04	BOTDP 03555 SHIP EV DATA USE I AREA 05				GT PER 1 5	WIND-DIR WIND-SPD WIND-FOR WEATHER	80	TRA	ATI		00.4	5 2	EN SQ 1304 SQUARE 2 SQUARE 46 SQUARE 47
CAS	STNUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT	P	NO2	NQ3	\$103	PH
			STD	00000	01.70	33.35	26.69	00.000	1454.7								
		18.1	085	00000	01.70	33.348	26.69		1454.7								
			STD	00010	01.70	33.35	26.69	00.014	1454.8 1454.8								
			OBS STD	00010	01.70 01.35	33.348 33.37	26.69 26.74	00.027	1453.5								
			OBS	00020	01.35	33.373	26.74	00.02.	1453.5								
			STO	00030	01.28	33.37	26.74	00.040	1453.3								
			085	00030	01.28	33.372	26.74		1453.3								
			OBS	00040	01.08	33.412	26.79		1452.7								
			STD	00050	01.32	33.45	26.80	00.066	1453.9								
			08S 08S	00050	01.32 01.58	33.452 33.499	26.80 26.82		1455.4								
			STD	00075	01.52	33.53	26.85	00.097	1455.4								
			CBS	00075	01.52	33.533	26.85		1455.4								
			OBS	00089	01.60	33.621	26.92		1456 -1								
			STD	00100	01.35	33.93	27.18	00.123	1455 . 6								
			OBS	00100	01.35	33.926	27.18		1455-6								
			085	00109	02.05	34.036	27.22 27.30	00-144	1459.0 1460.8								
			STD	00125 00125	02-36 02-36	34.17 34.167	27.30	00.144	1460.8								
			OBS	00129	02.84	34.263	27.33		1463.0								
			085	00138	03.07	34.300	27.34		1464.2								
			OBS	00143	02.97	34.300	27.35		1443.9								
			OBS	00147	03.04	34.347	27.38		1464.3								
			STD	00150	03.05	34.38	27.41	00.162	1464.4								
			085	00150	03.05	34.379	27.41		1464.4								
			08S 08S	00159	03.47 03.76	34.462 34.554	27.43 27.48		1468.2								
			STD	00200	03.83	34.61	27.52	00.195	1468.9								
			OBS	00200	03.83	34.613	27.52		1468.9								
			085	00240	04.40	34.780	27.60		1472 - 2								
			STD	00250	04.50	34.01	27.61	00.222	1472.8								
			085	00280	04.54	34.876	27.65		1473.6								
			OBS	00293	04-44	34.896	27.68	00 243	1473.4								
			STD	00300	04.54 04.54	34.91 34.911	27.68 27.68	00-297	1473.9								
			OBS OBS	00300	04.56	34.914	27.68		1474.2								
			085	00329	04.41	34.924	27.70		1473.9								
			STD	00400	04.65	35.04	27.77	00.289									
			085	00400	04-65	35.036	27.77		1476.2								
			OBS	00440	04.83	35.087	27.79		1477.7								
			OBS	00480	04.67	35.101	27.81	00 225	1477.7								
			OBS	00500	04.74	35.13 35.129	27.83 27.83	00.325	1478.4								
			085	00520	04.74	35.132	27.83		1478.7								
			STD	00600	04.39	35.15	27.88	00.357	1478.6								
			OBS	00600	04.39	35.146	27.88		1478.6								
			OBS	00628	04.42	35.174	27.90		1479.2								
			STD	00700	04.19	35.18	27.93	00.385	1479.5								
			OBS	00700	04.19	35-184	27.93		1479.5								
			OBS STD	00746	04.18 03.95	35.210 35.21	27.96 27.98	00.408	1480.2								
			OBS	00800	03.95	35.214	27.98	00.700	1480.2								
			CBS	00847	03.93	35.240	28.01		1480.9								
			085	00859	04-01	35.263	28.02		1481.5								
			085	00888	03.92	35.271	28.03		1481.6								
			STD	00900	03.96	35.28	28.04	00.428	1482.0								
			OBS	00900	03.96	35.281	28.04		1482.0								
			OBS STD	00925	03.98 03.84	35.300 35.33	28.05 28.08	00.444									
			OBS	01000	03.84	35.320	28.08	*****	1483.2								
			085	01028	03.80	35.334	28.09		1483.5								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0010 LAT 44 15.0N LONG 047 11.5W	MONTH 04 DAY 09	BOTDP 03933 SHIP EV DATA USE I AREA 05	AIR TEM WET BUL BAROMET CLGUD T	B 06.2 R 1032.9	DIR H 06 SEA CL/TR	GT PER O 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	02	TRACE DURAT		00.6	TEN SQ 1306 5 SQUARE 2 2 SQUARE 46 1 SQUARE 47
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL S	IGMA-T	DYNOPTH	SND VEL	DXYG	PO 4	TOT P	NG2	NO3	S103 PH
	STD 00000			26.07	00.000	1462.6						
22.5	OBS 00000	03.70		26.07		1462.6						
	STD 00010	03.53		26.13	06.019	1462.1						
	STD 00020	02.21	32.86	26.18	00.038	1460.9						
	OBS 00020	03.21		26.18		1460.9						
	STD 00030	02.73		26.23	00.056	1459.0						
	085 00041	02.06	32.880	26.29		1456.3						
	\$TD 00050	00.98		26.37	00.091							
	DBS 00064	00.21	32.880	26.41		1448.4						
	STD 00075	01.28		26.48	00.131	1453.6						
	STD 00100		33.39	26.60	00.169	1463.4						
	OBS 00100	03.31		26.60		1463.4						
	STD 00125	03.64		26.61	00-205	1465.3						
	STD 00150			26.77	00.239	1473.5						
	OBS 00155			26.81		1475.8						
	OBS 00175			26.97		1487.2						
	STD 00200			27.05	00.298	1473.2						
	OBS 00210		34.080	27.05		1470.0						
	OBS 00222		34.030	27.06		1468.1						
	STD 00250		34.30	27.10	00.349	1475.6						
	OBS 00250			27-10		1475.6						
	OBS 00271	04.37		27.16		1471.8						
	STD 00300			27.17	00.398	1473-6						
	085 00300			27.17		1473.6						
	OBS 00325		34.576	27.25		1479.2						
	STD 00400			27.36	00.483							
	DBS 00400		34.580	27.36		1477.2						
	STD 00500			27.44	00.557	1479.9						
	OBS 00500			27.44		1479.9						
	STD 00600		34-70	27.52	00.625	1478.4						
	OBS 00600		34-700	27.52		1478.4						
	STD 00700		34.73	27.56	00.687	1479.5						
	OBS 00700		34.730	27.56	00 7//	1479.5						
	STD 00800		34.79	27.62	00.746	1480.5						
	OBS 00800		34.790	27.62	00 000	1480.5						
	STD 00900		34-83	27-66	00.800	1482.0						
	STD 01000		34.87	27.71	00.850	1463.1						
	OBS 01000		34.870	27.71		1483.1						
	OBS 01033	03.89	34.880	27.72		1483.3						

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0011 LAT 44 08.4N LONG 046 37.2N	MONTH DAY	04 10	BOTOP 03867 SHIP EV DATA USE 1 AREA 05	AIR THE BARON CLUS	BULB 05.0 METR 1034.8	DIR H 26 SEA CL/TR	GT PER 1 3	WIND-DIR WIND-SPD WIND-FOR WEATHER	08	TRACE DURAT		00.4	5 S0 2 S0	SQ 1306 WARE 2 WARE 46 WARE 46
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	OXYG	PQ 4	TOT P	NO2	NO3	\$103	РН
	STO	00000	07.16	33.33	26.10	00.000	1477.5							
02.1	OBS	00000	07.16	33.330	26.10		1477.5							
02.1	STO	00010	05.99	33.17	26.13	00.019	1472.8							
	OBS	00010	05.99	33-174	26.13		1472.8							
	STD	00020	05.44	33.14	26.17	00.038	1470.7							
	OBS	00020	05.44	33.140	26.17		1470.7							
	STD	00030	1C.86	34.37	26.33	00.056	1493.2							
	OBS	00030	10.86	34.370	26.33		1493.2							
	STD	00050	10.59	34.48	26.46	00.089	1492.7							
	OBS	00050	10.59	34.480	26.46		1492.7							
	STO	00075	07.47	33.91	26.52	00.128	1480.7							
	STD	00100	06.67	33.84	26.57	00.165	1477.9							
	085	00100	06.67	33.840	26.57	000100	1477.9							
	STD	00125	08.18	34.26	26.69	00.201	1484.7							
	OBS	00125	08.18	34.260	26.69		1484.7							
	STD	00123	08.97	34.49	26.75	00.235								
	085	00166	09.47	34.640	26.78	400237	1450.7							
	OBS	00176	08.70	34.490	26.79		1487.8							
	STD	00200	07.59	34.30	26.81	00.301	1483.7							
	OBS	00200	07.59	34.300	26.81	000501	1483.7							
	085	00230	05.30	34.030	26.89		1474.7							
	085	00230	07.43	34.460	26.95		1484.0							
	STD	00250	06.96	34.39	26.97	00.362	1482.2							
	OBS	00250	06.96	34.390	26.97	001302	1482.2							
	STD	00300	05.53	34.26	27.05	00-417	1477.1							
			05.53	34.260	27.05	001421	1477.1							
	085	00300	06.00	34.460	27.15		1480.1							
	OBS STD		04.50	34.36	27.25	00 513	1474.7							
		00400	04.50	34.360	27.25	00.515	1474-7							
	085	00400			27.32		1479.6							
	OBS STD	00451	05.41	34.580	27.38	00 505	1478.8							
		00500	05.03 05.03	34.60 34.600	27.38	00.595	1478.8							
	OBS	00500			27.44		1478.3							
	OBS STO	00552	04.68	34.630 34.68	27.48	00 668	1479.3							
		00600	04.72		27.48	00.000	1479.3							
	OBS	00600	04.72	34.680			1480.0							
	OBS	00651	04.67	34.720	27.51 27.55	00 733	1480.5							
	STD	00700	04.59	34.76		00.133	1480.5							
	OBS	00700	04.59	34.760	27.55		1481.6							
	OBS	00750	04.63	34.810	27.59	00 703	1481.5							
	STD	00800	04.49	34.82	27.61	00.192	1481.9							
	OBS	00800	04.49	34.820	27.61									
	OBS	00849	04.40	34.830	27.63	00.848	1482.3							
	STD	00900	04.30	34.86	27.66	00.048								
	OBS	00952	04.23	34.880	27.69	00 000	1483.4							
	STD	01000	04.20	34.90	27.71	00.899	1484-1							
	OBS	01000	04.20	34.900	27.71		1484.1							
	OBS	01029	04.16	34.920	27.73		1484.5							

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

LAT	0 31 83 EC 00 43 57 045 56	012 4N	MONT	1974 H 04 10 06-1	BOTDP 04102 SHIP EV DATA USE 1 AREA 05			00	GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	13	TRAC	STD RE E DIR Tion 011 50	00.5	5	EN SQ 130 SQUARE SQUARE SQUARE	2 24
CAS	STNUM/TI	4E	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	N02	N03	\$103	PH	
			STD	00000	10.30	34.08	26.20	00.300	1490.3								
	06	. 1	OBS	00000	10.30	34.080	26.20		1490.3								
	001		STD	00010	10.29	34.08	26.20	00.018	1450.4								
			085	00010	10.29	34.080	26,20		1490.4								
			STD	00020	10.08	34.17	26.31	00.036	1489.9								
			OBS	00020	10.08	34.170	26.31		1489.9								
			STD	00030	09.86	34.10	26.29	00.053	1489.2								
			085	00030	05.86	34.100	26.29		1489.2								
			STD	00050	10.88	34.41	26.36	00.088	1493.6								
			OBS	00050	10.88	34-41-	26.36		1453.6								
			STD	00075	11.43	34.55	26.37	00.130	1456.1								
			OBS	00081	11.56	34.560	26.35		1456.7								
			OBS	00093	10.68	34.540	26.49		1493.8								
			STO	00100	10.32	34.49	26.52	00.170	1492.5								
			STD	00125	09.36	34.38	26.59	00.208	1489.3								
			OBS	00125	09.36	34.380	26.59		1489.3								
			STD	00150	08.92	34.37	26.66	00.244	1488.0								
			OBS	00150	08.92	34.370	26.66		1488.0								
			OBS	00178	08.49	34.350	26.71		1486.9								
			STD	00200	08.55	34.36	26.71	00.314	1487.5								
			OBS	00200	08.55	34.360	26.71		1487.5								
			-085	00229	08.85	34.520	26.79		1489.3								
			STO	00250	08.98	34.58	26.82	00.381	1490.2								
			085	00255	09.01	34.600	26.82	00 (12	1490.4								
			STD	00300	05.56	34.07	26.89	00.443	1477.0								
			085	00300	05.56	34.076	26.89		1477.0								
			OBS	00307	06.54	34.310	26.96		1481.4								
			08S 08S	00331	07.77 05.84	34.640	27.05 27.05		1487.0 1479.4								
			OBS	00394	04.49		27.11		1474.3								
			STD	00400	04.50	34.190 34.21	27.12	00.553	1474.5								
			085	00455	04.61	34.380	27.25	00.555	1476.1								
			STD	00500	05.06	34.55	27.33	00.643	1478.9								
			OBS	00506	05.08	34.560	27.34	00.043	1479.1								
			085	00557	04.63	34.600	27.40		1479.0								
			STD	00600	04.73	34.64	27.44	00.719	1479.3								
			085	00607	04.71	34.650	27.45	000111	1479.4								
			085	00659	04.90	34.760	27.52		1481.1								
			STD	00700	04.73	34.76	27.54	00.787									
			OBS	00709	04.70	34.760	27.54	••••	1461.2								
			085	00759	04.59	34.780	27.57		1481.6								
			STD	00800	04.58	34.81	27.60	00.848	1482.3								
			OBS	00809	04.57	34.820	27.60		1482.4								
			CBS	00860	04.42	34.840	27.64		1482.6								
			STD	00900	04.30	34.87	27.67	00.903	1482.8								
			OBS	00910	04.28	34.876	27.67		1482.9								
			OBS	00961	04.18	34.880	27.69		1483.3								
			STD	01000	04.13	34.88	27.7C	00.955									
			OBS	01011	04.12	34.880	27.7C		1483.9								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

C		1 8370 0013 3 50.8N 5 14.8W	MONT	1974 H 04 10 10-1	BOTDP 04511 SHIP EV DATA USE I AREA 05	MET		DIR H OO SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	08	TRAC	E DIR	CORDER D 00.4 03 13	5	EM SQ 1304 SQUARE 24 SQUARE 25 SQUARE 35
	CASTNU	M/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
			STD	00000	03.23	32.79	26.13	00.000	1460.6				-			• • •
		10.1	08.5	00000	03.23	32.790	26.13	00.000	1460.6							
			STD	00010	03.81	32.99	26.23	00.018	1463.5							
			085	00012	03.83	33.010	26.24	001010	1463.7							
			STD	00020	03.09	32.91	26.24	00.036	1460.5							
			STD	00030	02.54	32.87	26.25	00.054	1458.2							
			OBS	00030	02.54	32-870	26.25	000054	1458.2							
			OBS	00040	02.41	32.910	26.29		1457.9							
			STD	00050	02.81	33.03	26.35	00.089	1459.9							
			STD	00075	03.30	33.24	26.48	00.130	1462.8							
			085	00080	03.32	33.276	26.50		1462.9							
			STD	00100	02.92	33.32	26.57	00.168	1461.6							
			OBS	00116	02.60	33.360	26.63		1460.5							
			STD	00125	03.52	33.56	26.71	00.203	1464.9							
			OBS	00140	04.98	33.860	26.80		1471.7							
			STD	00150	06.23	34.06	26.81	00.236	1477.2							
			OBS	00166	07.33	34.270	26.82		1482.1							
			STD	00200	05.95	34.21	26.96	00.296	1477 -1							
			OBS	00200	05.95	34.210	26.96		1477.1							
			STD	00250	04.70	34.02	26.95	00.353	1472-6							
			OBS	00250	04.70	34.020	26.95		1472.6							
			OBS	00266	05.54	34.320	27.09		1476.7							
			STD	00300	05.16	34.29	27.11	00.406	1475.7							
			085	00331	04.82	34.260	27.13		1474.7							
			OBS	00338	05-20	34.300	27.12		1476.5							
			OBS	00352	05.40	34-400	27.17		1477.6							
			OB\$	00390	05.03	34.470	27.27		1476.8							
			085	00400	04.83	34.47	27.30	00.497	1476.2							
			085	00456	04.47	34.490	27.35		1475.6							
			STD	00489	04.84	34-590	27.39		1477.9							
			OBS	00541	04-88	34.62	27.41	00.575	1478.3							
			OBS	00590	04.91	34.690	27.46		1479.1							
			STD	00600	04-67	34.700	27.50		1479.0							
			085	00640	04.66	34.72	27.51	00.645	1479.1							
			085	00690	04-60	34.760	27.55		1479.6							
			STD	00700	04.42	34.780	27.59		1479.7							
			DBS	00739	04.42 04.43	34.79	27.59	00.706	1479.9							
			STD	00800	04.46	34.820	27.62		1480.6							
			OBS	00800	04.46	34.86	27.65	00.762	1481.8							
			STD	00900	04.21	34.860	27.65		1481.8							
			OBS	00900		34.90	27.71	00.813	1482.5							
			STO	01000	04.21 04.12	34.900	27.71		1482.5							
			OBS	01000		34.95	27.76	00.860	1483.8							
				01000	04.12	34.950	27.76		1483.8							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

CONSEC	43 43 044 3	0014 3.1N	MONT	1974 H 04 10 14.0	BOTOP 04286 SHIP EV DATA USE I AREA 05			DIR F 15 SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	10	TRACE		ORDER D OC.6	5 2	N SQ 130 SQUARE SQUARE 2 SQUARE 3
CAST	INUM/T	[ME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	₽H
			STD	00000	14.31	35.31	26.38	00.000	1505.6							
	14	٠.0	OBS	00000	14.31	35.314	26.38		1505.6							
			STD	00010	14.20	35.32	26.41	00.016	1505.4							
			OBS STD	00010	14.20 14.20	35.318 35.32	26.41	00.033	1505.4							
			OBS	00020	14.20	35.32	26.41	00.033	1505.6							
			STD	00030	14.19	35.33	26.42	00.049	1505.7							
			OBS	00035	14.19	35.328	26.42		1505.8							
			STD	00050	14.19	35.33	26.42	00.082	1506.0							
			OBS	00050	14-19	35.335	26.42		1506.0							
			STD	00075	14.19 14.19	35.35 35.346	26.43 26.43	00.122	1506.5							
			STD	00100	14.20	35.36	26.44	00.163								
			OBS	00100	14.20	35.359	26.44	001103	1506.9							
			STD	00125	14.20	35.39	26.47	00.203	1507.4							
			085	00125	14.20	35.28 P	26.389									
			085	00127	14.21	35.395	26.47		1507.4							
			CBS	00130	14.27	35.395	26.45		1507.7							
			STD GBS	00150	14-19	35.40	26.47	00.244	1507.7							
			STD	00200	14.18 14.42	35.396 35.57	26.47	00.323	1507.8							
			085	00200	14.42	35.568	26.55	00.323	1509.5							
			OBS	00205	14.49	35.576	26.54		1509.8							
			085	00218	14.43	35.570	26.56		1509.9							
			STD	00250	12.99	35.19	26.56	00.400								
			CBS	00250	12.99	35.187	26.56		1505.2							
			STD	00300	12-61	35.24	26.65	00-476								
			OBS STD	00300	12.81	35.264	26.65	00 411	1505.5							
			085	00400	10.27	35.01 35.011	26.93	00.611	1497.9							
			085	00423	09.89	34.951	26.95		1496.9							
			OBS	00445	09.44	34.885	26.98		1495.5							
			OBS	00453	09.34	34.943	27.04		1495.3							
			OBS	00463	09.31	34.928	27.03		1495.4							
			OBS	00474	09.30	34.939	27.04		1495.5							
			STD	00500	08.87	34.91	27.09	00.726	1494.3							
			OBS	00573	08.87 07.80	34.912 34.880	27.09 27.23		1494.3							
			STD	00600	06.39	34.72	27.30	00.823								
			085	00606	06.08	34.684	27.31	001023	1485.0							
			085	00617	06.51	34.748	27.31		1486.9							
			085	00645	06.01	34.719	27.35		1485.4							
			OBS	00676	05-02	34.686	27.45		1481.8							
			STD	00700	05.14	34.74	27.48	00.902								
			CBS	00700	05.14	34.742 34.770	27.48		1482.8							
			085	00786	05.06	34.830	27.51 27.55		1483.2							
			STO	00800	04.91	34.84	27.58	00.967								
			085	00800	04-91	34.844	27.58	000,701	1483.6							
			OBS	00836	04.80	34.897	27.64		1483.9							
			OBS	00855	04.87	34.902	27.63		1484.5							
			OBS	00875	04.71	34.894	27.65		1484.1							
			STO	00900	04-66	34.91	27.67	01.024	1484.4							
			OBS	00900	04.66	34.914 34.943	27.67		1484.4							
			085	00984	04-81	34.994	27.70 27.71		1484.9							
			OBS	00993	04.74	35.003	27.73		1486.4							
			STD	01000	04.76	35.01	27.73	01-075								
			085	01000	04.76	35.007	27.73									
			085	01024	04.73	34.994	21413		1486.6							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSEC LAT LONG	44	8370 0015 07.8N 02.5W	YEAR MONTH DAY HOUR	10	BOTOP 0437 SHIP EV DATA USE AREA 0	WET BAKO	TEMP 10.8 BULB 09.2 METR 1033.2 ID T/A		GT PER 0 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	10	TRAC	STD RECEIVED STORES	00.5	5 2	N SQ 13 SQUARE SQUARE SQUARE	2
CA\$1	NUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P04	TOT F	NO2	NQ3	\$103	PH	
			STD	00000	05.42	33.10	26.14	00.000	1470.2								
		19.1	085	00000	05.42	33.10	26.14		1470.2								
			STD	00010	04.92	33.28	26.34	00.018	1468.6								
			OBS	00010	04.52	33.280	26.34		1468.6								
			STD	00020	04.66	33.28	26.37	00.035	1467.6								
			OBS	00020	04.66	33.280 33.28	26.40	00.051	1467.6								
			STO OBS	00030	04.41 04.41	33.280	26.40	00.031	1466.8								
			STD	00050	03.87	33.26	26.45	00.083	1464.8								
			OBS	00050	03.87	33.280	26.45	000000	1464.8								
			STD	00075	03.45	33.28	26.50	00.123	1463.4								
			OBS	00075	03.45	33.280	26.50	_	1463.4								
			STD	00100	03.29	33.33	26.55	00.161	1463.2								
			OBS	00100	03.29	33.330	26.55		1463.2								
			STD	00125	04.98	33.80	26.75	00.196	1471.4								
			OBS	00125	04.98	33.800	26.75		1471-4								
			OBS	00131	05.20	33.880	26.79		1472.5								
			STO	00150	04.72	33.96	26.90	00.227	1470.9								
			OBS	00150	04-72	33.960	26.90		1470.9								
			OBS	00176	04-69	34.050	26.98 27.06	00.282	1471.4								
			STD OBS	00200	04.61 04.61	34.14 34.140	27.06	00.202	1471.5								
			085	00226	04.53	34.180	27.10		1471.7								
			STD	00250	04.58	34.26	27.16	00.332									
			OBS	00250	04.58	34.260	27.16	******	1472.4								
			OBS	00274	05-03	34.426	27.23		1474.9								
			OBS	00285	05.20	34-450	27.24		1475.8								
			STD	00300	05.06	34.43	27.24	00.377	1475.4								
			OBS	00300	05.06	34.430	27.24		1475.4								
			280	00324	05.30	34.530	27.29		1476.9								
			OBS	00346	05.18	34.540	27.31		1476.8								
			OBS	00358	05.38	34.610	27.34		1477.9								
			OBS	00377	05.14	34.590	27.36	00.458	1477.2								
			STD OBS	00400	05.20 05.20	34.64	27.39 27.39	00.458	1477.9								
			085	00451	04.71	34.620	27.43		1476.7								
			STD	00500	04.67	34.68	27.48	00.529	1477.5								
			OBS	00500	04.67	34.680	27.48	******	1477.5								
			OBS	00550	04.77	34.740	27.52		1478.8								
			STD	00600	04.70	34.77	27.55	00.593	1479 . 4								
			OBS	00600	04.70	34.774	27.55		1479.4								
			OBS	00650	04.75	34.810	27.57		1480.4								
			STD	00700	04.47	34.81	27.61	00.652	1480 -1								
			OBS	00700	04.47	34.810	27.61		1480-1								
			OBS	00749	04-40	34.840	27.64		1480.7								
			STD	00800	04.30	34.86	27.66	00.706	1481.1								
			OBS OBS	00800	04.30 04.22	34.860	27.66 27.70		1481.1 1481.7								
			STD	00900	04.22	34.91	27.71	00.756	1482.5								
			OBS	00900	04.22	34.910	27.71	500.50	1482.5								
			085	00951	04.12	34.930	27.74		1483.0								
			STO	01000	04.10	34.96	27.76	00.802									
			OBS	01009	04.08	34.960	27.77		1483 .8								
			085	01034	04.00	34.960	27.78		1483.9								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

CASTMUNTTINE LVLTVP DEPTH TEAP SAL SIGNA-T DYNOPTH SND VEL DXTG P04 TOT P NO2 NO3 S103 PH S100 00000 04-61 33.110 26.24 1466.9 1	REFID CONSE LAT LONG	C 44	8370 0016 25.9N 38.5W	MONT	1974 H 04 10 23-3	BOTOP 0365 SHIP EV DATA USE AREA 0	MET E BARC	TEMP 07.7 BULB 07.2 DMETR 1031.4 JD T/A	16	HGT PER 1 3	WIND-DIR WIND-SPD WIND-FOR WEATHER	15	TR.	AC E RAT	STD REC DIR ION 011 506	00.8	5	N SQ 1306 SQUARE 2 SQUARE 44 SQUARE 45
23.3 085 00000 04.61 33.110 26.24 STD 0010 0010 05.27 33.440 26.43 0.0.017 1470.2 085 0010 05.27 33.440 26.43 1470.2 085 0010 05.27 33.440 26.43 1470.2 085 0010 05.28 33.52 26.49 00.03 1470.5 085 0010 05.28 33.52 26.49 00.09 1470.7 STD 0030 0050 05.28 33.52 26.49 00.09 1470.7 085 0050 0050 05.29 33.56 26.52 00.07 1471.1 085 0050 0050 05.29 33.56 26.52 00.07 1471.1 085 0050 0050 05.29 33.60 26.55 00.117 1471.6 085 00040 05.22 33.80 26.55 00.117 1471.6 085 00040 05.23 33.50 26.56 1472.6 085 00094 05.23 33.50 26.56 1472.6 085 00094 05.23 33.50 26.56 1472.6 085 00050 05.30 33.60 26.56 1472.6 085 00050 05.30 33.60 26.56 1472.6 085 00010 04.57 33.62 26.63 00.157 1489.8 085 00112 04.52 33.620 26.64 00.187 1472.7 STD 00125 05.08 33.93 26.84 00.187 1472.7 085 00125 05.08 33.93 26.84 00.187 1472.7 085 00125 05.08 33.93 26.84 00.187 1472.7 085 00125 05.08 33.93 26.84 00.187 1472.7 085 00125 05.08 33.93 26.84 00.187 1472.7 085 00125 05.08 33.93 26.84 00.187 1472.7 085 00125 05.08 33.93 26.84 00.187 1472.7 085 00125 05.08 33.93 26.84 00.187 1472.7 085 00125 05.08 33.93 26.84 00.187 1472.7 085 00125 05.30 33.80 26.89 00.217 1473.7 085 00125 05.30 33.80 26.89 00.217 1472.7 085 00250 04.65 34.06 26.99 00.274 1471.6 085 00265 04.65 34.06 26.99 00.274 1471.6 085 00265 04.65 34.06 26.99 00.274 1471.6 085 00265 04.65 34.06 26.99 00.274 1471.6 085 00265 04.65 34.06 26.99 00.274 1471.6 085 00265 04.65 34.80 27.28 1472.9 085 00265 04.67 34.80 27.28 1472.9 085 00265 04.67 34.80 27.28 1472.9 085 00260 04.67 34.80 27.75 1472.9 085 00260 04.67 34.80 27.75 1472.9 085 00260 04.67 34.80 27.75 1472.9 085 00260 04.77 34.86 27.75 1472.9 085 00260 04.77 34.86 27.75 1472.9 085 00500 04.77 34.86 27.75 1472.9 085 00500 04.77 34.86 27.75 1472.9 085 00500 04.79 34.85 27.75 1472.9 085 00500 04.79 34.85 27.75 1472.9 085 00500 04.79 34.85 27.75 1472.9 085 00500 04.79 34.85 27.75 1479.6 085 00500 04.29 34.85 27.75 1479.6 085 00500 04.29 34.85 27.75 1479.6 085 00500 04.00 04.00 34.94 27.76 00.85 1483.3	CAS	TNUN	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P04	TOT	P	NO2	NO3	\$103	РН
STD 00010 05.27 33.44 26.43 00.017 1470.2 STD 00020 05.27 33.44 26.43 00.031 1470.5 STD 00020 05.27 33.44 26.44 00.033 1470.5 STD 00020 05.29 33.54 26.44 00.033 1470.5 STD 00030 05.28 33.52 26.49 00.049 1470.7 STD 00050 05.29 33.56 26.52 00.079 1470.7 STD 00100 04.75 33.62 26.63 00.117 1471.4 STD 00100 04.75 33.62 26.63 00.154 1469.8 STD 00100 04.75 33.62 26.63 00.154 1469.8 STD 00112 04.52 33.62 26.63 00.154 1469.8 STD 00125 05.08 33.93 26.84 00.14 1472.0 STD 00150 05.37 34.03 26.89 1472.0 STD 00150 05.37 34.03 26.89 00.217 1473.7 STD 00150 05.37 34.03 26.89 1472.2 STD 00150 05.37 34.03 26.89 1472.2 STD 00150 05.37 34.03 26.89 1472.3 STD 00150 05.45 34.054 27.05 1472.3 STD 00150 05.45 34.054 27.05 1472.3 STD 00150 05.47 34.040 27.05 1472.3 STD 00150 05.48 34.054 27.05 1472.3 STD 00150 06.48 34.75 27.75 00.593 1479.2 STD 00150 06.48 34.75 27.75 00.593 1479.2 STD 00150 06.48 34.75 27.75 00.593 1479.2 STD 00150 06.49 34.49 27.76 00.593 1479.2 STD 00150 06.49 34.85 27.66 00.593 1479.2 STD 00150 06.49 34.85 27.66 00.593 1479.2 STD 00150 06.40 34.94 27.76 00.593									00.000	1466.9								
OBS 00010 05.27 33.440 26.43 1470.5 00.033 1470.5 00.032 05.29 33.48 26.46 00.033 1470.5 00.0020 05.29 33.69 26.46 00.033 1470.5 00.0020 05.29 33.50 00.0020 05.29 03.50 00.0020 05.29 03.50 00.0020 05.29 03.50 00.0020 05.29 03.50 00.0020 05.29 03.50 00.0020 05.29 03.50 00.0020 05.29 03.50 00.0020 05.29 03.50 00.0020 05.29 03.50 00.0020 05.29 03.50 00.0020 05.29 03.50 00.0020 05.29 03.50 00.0020 05.29 03.50 00.0020 05.29 03.50 00.0020 05.20 05.20 05.20 00.0020 05.20			23.3			04.61												
STD 00020 05.29 33.48 26.46 00.033 1470.5 OBS 00023 05.29 33.59 26.45 00.049 1470.7 OBS 00050 05.29 33.50 26.52 00.079 1470.1 OBS 00050 00.24 20 30.53 20.00 26.55 00.00 117 1470.6 OBS 00100 04.75 33.62 26.63 00.154 1440.8 OBS 00110 04.75 33.62 26.63 00.154 1440.8 OBS 00112 04.52 33.65 26.75 1469.0 OBS 00112 04.52 33.65 26.75 1470.7 OBS 00150 05.37 34.03 26.89 00.217 1473.7 OBS 00150 05.37 34.03 26.89 00.217 1473.7 OBS 00150 05.37 34.03 26.89 00.217 1473.7 OBS 00170 05.36 34.090 26.89 1473.7 OBS 00219 04.65 34.09 26.99 00.274 1471.6 OBS 00249 04.65 34.25 27.15 00.326 1472.3 OBS 00249 04.67 34.10 27.06 1472.6 OBS 00250 04.56 34.25 27.15 00.326 1472.3 OBS 00250 04.67 34.400 27.23 00.371 1474.8 OBS 00250 04.69 34.400 27.23 1474.9 OBS 00400 04.91 34.400 27.23 1474.9 OBS 00400 04.69 34.400 27.23 1474.9 OBS 00400 04.69 34.450 27.25 1476.9 OBS 00400 04.69 34.450 27.25 1476.9 OBS 00400 04.69 34.750 27.54 00.593 1479.2 OBS 00400 04.69 34.750 27.54 00.593 1479.2 OBS 00400 04.69 34.750 27.50 00.593 1479.2 OBS 00400 04.6									00.017									
OBS						05.27			00 033									
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STD 00900 04.19 34.91 27.72 00.758 1482.4 OBS 00900 04.19 34.910 27.72 1482.4 OBS 00952 04.14 34.920 27.73 1483.1 STD 01000 04.00 34.94 27.76 00.804 1483.3 OBS 01000 04.00 34.940 27.76 1483.3																		
OBS 00900 04.19 34.910 27.72 1482.4 OBS 00952 04.14 34.920 27.73 1483.1 STD 01000 04.00 34.94 27.76 00.804 1483.3 OBS 01000 04.00 34.940 27.76 1483.3																		
OBS 00952 04-14 34-920 27-73 1483-1 STD 01000 04-00 34-94 27-76 00-804 1483-3 OBS 01000 04-00 34-940 27-76 1483-3									00.758									
STD 01000 04.00 34.94 27.76 00.804 1483.3 OBS 01000 04.00 34.940 27.76 1483.3																		
OBS 01000 04.00 34.940 27.76 1483.3					01000				00 004									
									30.004									
UBS UIUZI 04.04 34.960 27.77 1483.9				OBS	01021	04.04	34.960	27.77		1483.9								

REFID 31 837 CONSEC 001 LAT 44 44.0 LONG 046 05.5	7 MONT N DAY	1974 TH 04 11 1 03.0	BOTDP 03176 SHIP EV DATA USE 1 AREA 05	MET BARO	TEMP 07.7 BULB 07.2 METR 1028.3 D T/A	16	IGT PER 1 3	WIND-DIR WIND-SPD WIND-FOR WEATHER	18	TRAC	STD R E DIR TION 011 5	ECORDER 00.6	5 2	N SQ 1306 SQUARE 2 SQUARE 46 SQUARE 46
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P04	TOT P	NO2	NØ3	\$103	PH
	STD	00000	03.70	33.20	26.41	00.000	1463.2							
03.0	STD	00000	03.70 03.69	33.200 33.20	26.41 26.41	00.016	1463.2 1463.3							
	OBS STD	00010	03.49 03.48	33.200 33.19	26.42	00.033	1463.3 1462.5							
	OBS STD	00020	03.48 03.22	33.190 33.22	26.42	00-048	1462.5 1461.6							
	OBS	00030	03.22	33.220	26.47	00.080	1461-6							
	OBS	00050	03.09	33.230 33.23	26.49	00.118	1461.4							
	OBS	00075	02.90	33.230	26.51	00.110	1461.0							
	STD	00094	02.78	33.240 33.29	26.52 26.55	00.156	1460-8							
	OBS	00100	02.88	33.290 33.290	26.55 26.58		1461.4 1460.5							
	STD	00125	03.15	33.59 33.590	26.77 26.77	00.191	1463.4							
	STD	00150 00150	04.09	33.97 33.970	26.98 26.98	00.221	1468.3							
	OBS OBS	00166	04.63	34.090	27.02 27.12		1471-0							
	STO	00200	04.53	34.20	27.12	00.273	1471.3							
	OBS	00223	04.53	34.220 34.220	27.12 27.14		1471.3							
	STD	00247	05.17 05.13	34.390 34.38	27.19 27.19	00.320	1475.0							
	08S 08S	00250	05.13 04.72	34.460	27.19 27.30		1474.8							
	OBS	00300	04.78 04.78	34.45 34.450	27.29 27.29	00.364	1474.3							
	STD	00400	04.67	34.59	27.41 27.41	00.442	1475.7 1475.7							
	STD	00500	04.64	34.69 34.690	27.49 27.49	00.510	1477.3							
	STD	00600	04.46	34.75	27.56	00.573	1477.3							
	OBS STD	00600	04.46	34.750 34.79	27.56 27.62	00.631	1478.3 1479.1							
	OBS STD	00700	04.24	34.790 34.86	27.62 27.67	00.684	1479.1							
	OB\$ STD	00800	04.23	34.860 34.90	27.67 27.72	00.733	1480.8							
	OBS STD	00900	04.04	34.900	27.72 27.77	00.778	1481.8							
	OBS OBS	01000	03.95	34-946	27.77 27.78		1483.1							
	OBS OBS	01000	03.95 03.91	34.946 34.950	27.78	*******	1483.1							
REFID 31 8370	OBS YEAR	01020	03.91 BOTDP 03499		27.78	*******	1483.1	WIND-DIR	19	INST	STD RE	CORDER	TE	N SQ 1306
REFID 31 8370 CONSEC 0018 LAT 45 03.5N LONG 046 40.0N	YEAR MONTO	01020	03.91	34.950 AIR 1 WET 1	27.78 ****** TEMP 08.6 BULB 07.8 METR 1024.8	DIR H	1483.1 1483.3 * GT PER 2 3	WIND-DIR WIND-SPD WIND-FOR WEATHER		TRAC DURA	E DIR	00.4	5	N SQ 1306 SQUARE 4 SQUARE 46 SQUARE 56
CONSEC 0018	YEAR MONTO	01020 1974 H 04	03.91 BOTDP 03499 SHIP EV DATA USE 1	AIR I	27.78 ****** TEMP 08.6 BULB 07.8 METR 1024.8	DIR H 22 SEA	1483.1 1483.3 * GT PER 2 3	WIND-SPD WIND-FOR	20 X4	TRAC DURA	E DIR TION	00.4	5	SQUARE 46
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	YEAR MONTO DAY HOUR	01020 1974 H 04 11 07-0 DEPTH	03.91 BOTDP 03499 SMIP EV DATA USE 1 AREA 05	AIR 1 WET 1 BAROI CLOUE SAL 33-09	27.78 ****** FEMP G8.6 BULB 07.8 METR 1024.8 T/A SIGMA-T 26.41	DIR H 22 SEA CL/TR	1483.1 1483.3 * GT PER 2' 3 SND VEL 1458.8	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M	VEAR MONTI DAY HOUR	01020 1974 H 04 11 07-0 DEPTH 00000 00000 00010	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.73	34.950 AIR 1 WET 1 BARO CLOUI SAL 33.09 33.090 33.090	27.78 ***** FEMP 08.6 SULB 07.8 HETR 1024.8 D T/A SIGMA-T 26.41 26.41	DIR H 22 SEA CL/TR	1483 •1 1483 •3 * GT PER 2' 3 SNO VEL 1458 •8 1458 •8 1458 •8	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	VEAR MONTO DAY HOUR STD OBS STD OBS	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00010 00020	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.73 02.74 02.74 02.73	34.950 AIR 1 BAROI CLGUI SAL 33.09 33.090 33.090 33.090 33.090	27.78 ****** ***** **** *** *** ***	DIR H 22 SEA CL/TR DYNOPTH 00.000	1483.1 1483.3 * GT PER 2 3 SND VEL 1458.8 1459.1 1459.1 1459.2	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	VEAR MONTO DAY HOUR STD OBS STD OBS STD OBS STD OBS STD	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00020 00020 00020	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.73 02.74 02.74	34.950 AIR 1 WET 1 BAROI CLOUI SAL 33.09 33.090 33.090 33.090	27.78 ****** IEMP 08.6 BULB 07.8 METR 1024.8) T/A SIGMA-T 26.41 26.41 26.41	DIR H 22 SEA CL/TR DYNDPTH 00.000 00.016	1483.1 1483.3 * GT PER 2 3 SNO VEL 1458.8 1459.1 1459.2 1459.2 1459.2	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	VEAR MONT! DAY HOUR LVLTYP STD OBS STD OBS STD OBS	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00010 00020 00020	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.73 02.74 02.74 02.74 02.73	34-950 AIR 1 WET I BAROI CLOUI SAL 33-09 33-090 33-090 33-090 33-08 33-080	27.78 ****** IEMP 08.6 SULB 07.8 RETR 1024-8 O T/A SIGMA-T 26.41 26.41 26.41 26.41 26.40 26.40 26.43	DIR H 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049	1483.1 1483.3 * GT PER 2 3 SND VEL 1458.8 1458.8 1459.1 1459.2 1458.9 1458.9	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	VEAR MONTI DAY HOUR STD OBS	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00010 00010 00020 00020 00030 00050 00050	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.73 02.74 02.74 02.74 02.73 02.73 02.73 02.73 02.73 02.73	34.950 AIR 1 MET I BAROI CLOUI SAL 33.09 33.09 33.09 33.09 33.08 33.08 33.11 33.110 33.13	27.78 ****** IEMP 08.6 SULB 07.8 RETR 1024-8 O T/A SIGMA-T 26-41 26-41 26-41 26-40 26-40 26-43 26-43 26-43 26-48	DIR H 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049	1483.1 1483.3 * GT PER 2 3 SNO VEL 1458.8 1459.1 1459.2 1459.2 1459.2 1458.9 1458.9 1458.9 1457.5	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	VEAR MONTI DAY HOUR STD OBS STD	01020 1974 H	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.74 02.74 02.74 02.73 02.73 02.74 02.73 02.72 02.62 02.22 02.22 02.22 03.28	34.950 AIR 1 MET I BAR01 CLGUI SAL 33.09 33.09 33.09 33.09 33.08 33.08 33.10 33.11 33.13 33.13 33.13 33.13	27.78 ****** FEMP 08.6 SULB 07.8 RETR 1024-8 O T/A SIGMA-T 26-41 26-41 26-40 26-53	DIR H 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049	1483.1 1483.3 * GT PER 2'3 SNO VEL 1458.8 1459.1 1459.2 1459.2 1459.2 1459.2 1458.9 1458.9 1458.9 1457.5 1457.5	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	VEAR MONTI DAY HOUR STD OBS STD	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00010 00010 00010 00010 00010 00010 00010 00010 00010 00010	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.74 02.74 02.73 02.74 02.73 02.62 02.62 02.62 02.62 02.22 02.22 02.22 03.28 03.28 03.27 03.21	34.950 AIR 1 WET I BAROI CL GUI SAL 33.09	27.78 ****** ***** **** *** *** ***	DIR H 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049 00.081	1483.1 1483.3 * GT PER 2 3 SNO VEL 1456.8 1455.8 1455.1 1459.2 1458.9 1458.9 1458.9 1458.9 1457.8 1462.7 1462.7	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	VEAR MONTI DAY HOUR STD OBS STD	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00020 00020 00020 00030 00050 00050 00050 00050 00050 00050 00050 00050 00050 00050	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.74 02.73 02.74 02.73 02.62 02.62 02.62 02.62 02.22 02.22 03.28 03.67 03.21 03.21 03.21	34.950 AIR 1 WET I BAROI CLOUI SAL 33.09 33.09 33.09 33.09 33.08 33.11 33.110 33.130 33.31 33.130 33.31 33.310 33.32 33.320 33.320 33.320	27.78 ****** **** *** *** *** *** ** ** **	DIR H 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049 00.081	1483.1 1483.3 * GT PER 2 3 SND VEL 1458.8 1458.8 1459.1 1459.2 1459.2 1459.2 1459.3 1457.5 1457.5 1457.5 1457.5 1457.5 1457.5 1457.5 1457.6	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	VEAR MONTI DAY HOUR STD OBS STD	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00010 00020 00020 00030 00050 00050 00064 00075 00088 00100 00100 001025 00125 00125	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.73 02.74 02.74 02.74 02.73 02.62 02.62 02.22 02.22 02.22 02.22 02.22 03.28 03.67 03.21 03.83 03.83	34.950 AIR 1 WET 1 BAR010 CLGUI SAL 33.09 33.090 33.090 33.10 33.13 33.13 33.140 33.13	27.78 ****** IEMP 08.6 SULB 07.8 RETR 1024-8 O T/A SIGMA-T 26.41 26.41 26.41 26.40 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.48 26.55 26.55 26.55 26.55 26.93 26.93 27.01	DIR H 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049 00.081 00.119 00.157 00.190 00.217	1483.1 1483.3 ** GT PER 2 3 SND VEL 1458.8 1458.8 1459.1 1459.2 1459.2 1459.2 1459.9 1457.5 1457.5 1457.5 1457.6 1460.7 1466.7	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	VEAR MONTI DAY HOUR STD OBS	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00020 00020 00020 00030 00050 00064 00075 00088 00100 00100 00125 00125	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.74 02.74 02.74 02.73 02.73 02.62 02.22 02.22 02.22 02.22 02.22 02.22 03.67 03.21 03.83 03.83 04.16 04.64	34.950 AIR 1 MET I BAR01 CLGUI SAL 33.09 33.09 33.09 33.09 33.08 33.08 33.10 33.11 33.13 33.13 33.31 33.32 33.37 33.37 33.33 33.37	27.78 ****** IEMP 08.6 SULB 07.8 RETR 1024-8 O T/A SIGMA-T 26-41 26-41 26-40 26-40 26-40 26-43 26-43 26-48 26-48 26-48 26-55 26-55 26-55 26-55 26-93	DIR H 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049 00.081 00.119 00.157 00.190 00.217 00.268	1483.1 1483.3 * * GT PER 2 3 SNO VEL 1458.8 1458.8 1459.1 1459.1 1459.2 1458.9 1457.5 1457.5 1457.5 1457.8 1462.7 1466.7 1466.7 1466.7 1471.8	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	VEAR MONTI DAY HOUR STD OBS	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00010 00020 00020 00020 00050 00050 00050 00050 00105 00105 00105 00105 00100 00100 00100 00125 00125 00125 001200 00200 00200	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.74 02.74 02.73 02.74 02.73 02.62 02.62 02.62 02.62 02.62 03.21 03.21 03.21 03.21 03.83 04.16 04.64 04.64	34.950 AIR 1 WET I BAR010 CL GUI SAL 33.09 30	27.78 ****** ***** **** *** *** ***	DIR H 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049 00.081 00.119 00.157 00.190 00.217	1483.1 1483.3 * GT PER 2 2 3 SNO VEL 1458.8 1458.8 1459.1 1459.2 1458.9 1459.2 1458.9 1457.5 1457.5 1457.5 1468.7 1460.7 1460.7 1460.7 1460.7 1460.7 1468.7 1471.8 1471.8	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	VEAR MONTI DAY HOUR STD OBS	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00020 00020 00020 00020 00050	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.74 02.73 02.74 02.73 02.74 02.73 02.62 02.62 02.62 02.62 03.28 03.28 03.67 03.21 03.83 03.83 03.83 03.83 04.64 04.64 04.64 04.64 04.80 04.90 04.80	34.950 AIR 1 WET I BAROI CLOUI SAL 33.09 33.09 33.09 33.09 33.11 33.11 33.13 33.13 33.13 33.13 33.13 33.13 33.13 33.13 33.13 33.14 33.16 33.36 33.37 33.87 34.02 4.26 34.41 34.470 34.50	27.78 ****** **** **** *** *** *** *** ***	DIR H 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049 00.081 00.119 00.157 00.190 00.217 00.268	1483.1 1483.3 ** GT PER 2 3 SND VEL 1458.8 1459.1 1459.2 1458.9 1457.5 1457.5 1457.5 1457.7 1462.7 1462.7 1466.7 1466.7 1466.7 1466.7 1466.7 1471.8 1471.8 1471.8 1471.8	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	VEAR MONTI DAY HOUR STD OBS	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00010 00020 00020 00030 00050 00064 00075 00105 00100 0010	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.74 02.74 02.74 02.73 02.73 02.62 02.22 02.22 02.22 02.22 02.22 02.21 03.83 03.67 03.21 03.83 03.83 04.16 04.64 04.80 04.90 04.80 04.80	34.950 AIR 1 MET I BAR010 CLGUII SAL 33.09 33.090 33.090 33.090 33.11 33.11 33.11 33.13	27.78 ****** IEMP 08.6 BULB 07.8 RETR 1024-8 O T/A SIGMA-T 26.41 26.41 26.41 26.41 26.43 26.43 26.43 26.43 26.43 26.48 26.48 26.49 27.15 27.15 27.15 27.25 27.32 27.32 27.32 27.32	DIR H 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049 00.081 00.119 00.157 00.120 00.217 00.268 00.313	1483.1 1483.3 ** GT PER 2 3 SND VEL 1458.8 1458.8 1459.1 1459.2 1459.2 1459.2 1459.2 1459.2 1459.2 1457.5 1457.5 1457.5 1457.5 1457.5 1466.7 1466.7 1466.7 1466.7 1466.7 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	OBS YEAR MONTI DAY HOUR STD OBS	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00010 00020 00020 00030 00050 00064 00105 00105 00105 00105 00105 00105 00100 00125 00150 00200 00200 00200 00200 00200 00200 00200 00200 00200 00200 00200 00200 00200 00300 00300 00400 00400	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.73 02.74 02.74 02.74 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.74 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.73 02.74 02.73 02.73 02.73 02.73 02.74 02.73 02.73 02.74 02.73 02.74 02.73 02.73 02.74 02.73 02.73 02.73 02.73 02.73 03.83 03.83 04.16 04.64 04.80 04.80 04.80 04.80 04.53 04.53	34.950 AIR 1 WET I BAR01 CLGUI SAL 33.09 33.090 33.093 33.080 33.11 33.130 33.140 33.13 33.31 33.380 33.31 33.380 33.31 33.380 33.31 34.02 34.60 34.600 34.600 34.600	27.78 ***** **** *** *** *** ** **	DIR H 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049 00.081 00.119 00.157 00.190 00.217 00.268 00.313 00.354	1483.1 1483.3 * * GT PER 2 3 SNO VEL 1458.8 1458.8 1459.1 1459.2 1458.9 1459.2 1458.9 1457.5 1457.8 1462.7 1466.7 1466.7 1471.8 1471.8 1471.5 1471.8 1471.5 1471.5 1471.5	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	VEAR MONTI DAY HOUR STD OBS STD	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00020 00020 00020 00030 00050 00064 00100 00125 00150 00200	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.74 02.74 02.74 02.73 02.62 02.62 02.62 02.62 02.22 02.22 03.28 03.67 03.21 03.83 04.16 04.64 04.80 04.80 04.80 04.80 04.80 04.53 04.57 04.25	34.950 AIR 1 WET I BAR01 CLGUI SAL 33.09 33.09 33.09 33.09 33.11 33.13 33.31 33.31 33.31 33.31 33.31 33.31 33.32 33.32 33.37 33.32 33.37 33.38 33.87 33.38 34.26 34.60 34.60 34.60 34.60 34.60	27.78 ***** **** *** *** *** ** **	DIR H 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049 00.081 00.119 00.157 00.217 00.268 00.313 00.354 00.429	1483.1 1483.3 * * GT PER 2 3 SNO VEL 1458.8 1458.8 1459.1 1459.2 1458.9 1459.2 1458.9 1457.5 1457.5 1457.8 1466.7 1466.7 1466.7 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	VEAR MONTI DAY MONTI DAY HOUR STD OBS STD	01020 1974 H 04 H 11 07-0 DEPTH 00000 00010 00010 00010 00010 00010 00010 00010 00010 00010 00010 00010 00010 00010 00010 00010 000100 0	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.74 02.73 02.74 02.73 02.62 02.62 02.62 02.62 03.28 03.21 03.21 03.21 03.21 03.83 04.16 04.64 04.64 04.64 04.64 04.64 04.69 04.80 04.90 04.80 04.53 04.53 04.53 04.53 04.53	34.950 AIR 1 WET I BAR01 CLGUI SAL 33.09 33.09 33.09 33.09 33.08 33.11 33.13 33.13 33.31 34.26 34.27 34.77 34.50 34.60 34.60 34.60 34.60 34.60 34.60 34.67 34.77 34.77 34.77	27.78 ****** ***** **** *** *** ***	DIR H 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049 00.081 00.119 00.157 00.190 00.217 00.268 00.313 00.354 00.429 00.495	1483.1 1483.3 * GT PER 2 3 SNO VEL 1456.8 1458.8 1459.1 1459.2 1458.9 1456.9 1457.5 1457.5 1460.7 1470.5 1477.5 1477.5 1477.5	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	OBS YEAR MONTI DAY HOUR STD OBS	01020 1974 H 04 H 11 07-0 DEPTH 00000 00010 00010 00010 00010 00020 00020 00025 00050 00050 00050 00105 00105 00105 00105 00100	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.74 02.74 02.73 02.62 02.62 02.62 02.62 03.21 03.21 03.83 03.67 03.21 03.83 04.64 04.64 04.64 04.64 04.64 04.69 04.90 04.80 04.90 04.80 04.93 04.53 04.53 04.37 04.25 04.25 04.15	34.950 AIR 1 WET I BAR01 CL GUI SAL 33.09 33.	27.78 ***** **** *** *** *** ** ** ** ** **	DIR H Z2 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049 00.081 00.119 00.157 00.190 00.217 00.268 00.313 00.354 00.429 00.495 00.556	1483.1 1483.3 * GT PER 2 2 3 SND VEL 1458.8 1458.8 1459.1 1459.2 1458.9 1459.2 1458.9 1459.7 1459.7 1469.7 1471.8 1462.7 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8 1471.8	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	OBS YEAR MONTI DAY HOUR STD OBS	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00010 00020 00020 00030 00050 00064 00105 00105 00105 00105 00106 00100 001	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.73 02.74 02.74 02.73 04.07 03.21 03.83 03.83 04.16 04.64 04.80 04.80 04.80 04.80 04.80 04.80 04.80 04.80 04.53 04.37 04.37 04.37 04.37	34.950 AIR 1 WET I BAR01 CLGUI SAL 33.09 33.09 33.09 33.09 33.09 33.11 33.11 33.13 33.31 33.32 33.31 33.32 33.37 33.32 33.37 34.02 34.61 34.60 34.60 34.60 34.60 34.60 34.60 34.60 34.60 34.60 34.74 34.79	27.78 ##################################	DIR M 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049 00.081 00.119 00.157 00.268 00.313 00.354 00.429 00.495 00.556 00.612 00.665	1483.1 1483.3 * SNO VEL 1458.8 1458.8 1459.1 1459.1 1459.2 1459.2 1459.2 1458.9 1457.5 1457.8 1466.7 1466.7 1466.7 1471.8 1471.8 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	OBS YEAR MONTI DAY HOUR STD OBS	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00010 00020 00020 00020 00050 00050 00050 0010	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.74 02.74 02.74 02.73 02.62 02.62 02.62 02.62 03.28 03.67 03.21 03.83 04.16 04.64 04.64 04.64 04.80 04.90 04.80 04.53 04.53 04.53 04.53 04.53 04.55 04.55 04.15 04.15 04.02 03.88	34.950 AIR 1 WET I BAR01 CLGUI SAL 33.09 33.09 33.09 33.09 33.08 33.13 33.13 33.13 33.13 33.13 33.34 33.34 33.35 33.36 33.37 34.26 34.60	27.78 ****** ***** **** *** *** ***	DIR M 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049 00.081 00.119 00.157 00.190 00.217 00.268 00.313 00.354 00.429 00.495 00.556 00.612 00.665 00.713	1483.1 1483.3 * SNO VEL 1458.8 1458.8 1459.1 1459.1 1459.1 1459.2 1458.9 1457.5 1457.8 1460.7 1468.7 1468.7 1471.8 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56
CONSEC 0018 LAT 45 03.5N LONG 046 40.0M CASTNUM/TIME	OBS YEAR MONTI DAY HOUR STD OBS	01020 1974 H 04 11 07-0 DEPTH 00000 00010 00010 00010 00020 00020 00050 00050 00050 00105 00125 00125 00125 00125 00125 00125 00120 00200	03.91 BOTDP 03499 SHIP EV DATA USE 1 AREA 05 TEMP 02.73 02.74 02.74 02.73 02.74 02.73 02.62 02.62 02.62 02.62 03.21 03.83 03.67 03.21 03.83 04.80	34.950 AIR 1 WET I BAR0I CLOUI SAL 33.09 33.0	27.78 ##################################	DIR M 22 SEA CL/TR DYNDPTH 00.000 00.016 00.033 00.049 00.081 00.119 00.157 00.268 00.313 00.354 00.429 00.495 00.556 00.612 00.665	1483.1 1483.3 * SNO VEL 1458.8 1458.8 1459.1 1459.1 1459.1 1459.2 1458.9 1457.5 1457.8 1460.7 1468.7 1468.7 1471.8 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5 1471.5	WIND-SPD WIND-FOR WEATHER	20 X4	TRAC DURA ORIG	E DIR Tion 011 50	00.4 18	5 2 1	SQUARE 46 SQUARE 56

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0019 LAT 45 13.0N LONG 046 55.0N	MONT	1974 H 04 11 : 09-7	BOTDP 03308 SHIP EV DATA USE I AREA 05	AIR 1 WET 8 BARON CLOUR	SULB 07.9 SETR 1023.1	16	_	WIND-DIR WIND-SPD WIND-FOR WEATHER	20	TRAC		00.7	TEN SQ 1306 5 SQUARE 4 2 SQUARE 46 1 SQUARE 56
CASTNUNTINE	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103 PH
	STD	00000	03.43	33.20	26.43	00.000	1462.0						
09.7	OBS	00000	03.43	33.200	26.43		1462.0						
	STD	00010	03-42	33.20	26.43	00.016							
	OBS	00010	03.42	33.200	26.43		1462.1						
	STD	00020	03.41	33.20	26.44	00.032	1462.3						
	STD	00030	03.35	33.21	26.45	00.048	1462.2						
	OBS	00030	03.35	33.210	26.45		1462.2						
	STD	00050	03.06	33.22	26.48	00.080	1461.3						
	085	00050	03.06	33.220	26.48		1461.3						
	STD	00075	02.86	33.25	26.52	00.118	1460.9						
	OBS	00075	02.86	33.250	26.52	00 154	1460.9						
	STD	00100	02.74	33.30	26.57	00.156	1460.8						
	OBS	00100	02.74	33.300	26.57	00 100	1460.8						
	STD	00125	03.92	33.79	26.85	00.189	1466.9						
	OBS	00125	03.92	33.790	26.85	00.218							
	STD	00150	04.16 04.50	33.97 34.24	26.97 27.15	00.218	1468.6						
	OBS	00200	04.50	34-240	27.15	00.210	1471.2						
	STD	00250	04.50	34.40	27.26	00.314	1472.9						
	085	00250	04.65	34.400	27.26	00.314	1472.9						
	STD	00300	04-65	34.48	27.32	00.355	1473.8						
	085	00300	04.65	34.480	27.32	000333	1473.8						
	STD	00400	04.54	34.61	27.44	00.429	1475.2						
	OBS	00400	04.54	34.610	27.44	000143	1475.2						
	STD	00500	04.41	34.68	27.51	00.496	1476.4						
	CBS	00500	04.41	34.680	27.51		1476.4						
	OBS	00550	04.30	34.710	27.55		1476.8						
	STD	00600	04.23	34.74	27.58	00.557	1477.4						
	OBS	00600	04.23	34.740	27-58		1477.4						
	STD	00700	04-10	34.78	27.62	00.613	1478.5						
	OBS	00700	04.10	34.780	27.62		1478.5						
	STD	00800	04.01	34.83	27.67	00.666	1479.9						
	OBS	00800	04.01	34.830	27.67		1479.9						
	OBS	00845	03.89	34-850	27.70		1480.2						
	OBS	00860	04.05	34.880	27.71		1481.1						
	OBS	00880	03.86	34.874	27.72		1480.6						
	STD	00900	03.92	34.88	27.72	00.714	1481.2						
	OBS	00900	03.92	34.880	27.72		1481.2						
	STD	01000	03.77	34.93	27.78	00.759	1482.3						
	08\$	01000	03.77	34.930	27.78		1482.3						
	088	01020	03.72	34.930	27.78		1482.5						

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID : CONSEC LAT 4 LONG 04	0 45 21		MONT	1974 H 04 11 12.9	BOTOP 02276 SHIP EV DATA USE AREA DI	WET BARO		DIR H 19 SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	25	TRAC	STD E DI TION Oll	R	RDER D 00.4 11	5 2	N SQ 1306 SQUARE 46 SQUARE 46 SQUARE 57
CASTN	UM/TI	ME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	OXY G	P04	TOT P	N	02	NO3	\$103	PH
			STD	00000	03.15	33.14	26.41	00.000	1460.7								
	12	. 9	OBS	00000	03.15	33-140	26-41		1460.7								
			STD	00010	03.14 03.14	33.14	26.41	00.016	1460.8								
			STD	00020	03.13	33.140 33.15	26.41 26.42	00.032	1460.8								
			OBS	00020	03.13	33.150	26.42	00.032	1461.0								
			STD	00030	03.13	33.15	26.42	00.049	1461-1								
			085	00030	03.13	33.150	26-42		1461.1								
			OBS	00040	03.08	33.140	26.42		1461-1								
			STO	00050	02-68	33.11	26.43	00.081									
			OBS OBS	00050	02.68	33.110 33.140	26.43 26.48		1459.5								
			STD	00075	02.24	33.17	26.51	00.120	1458.1								
			OBS	00075	02.24	33.170	26.51	001120	1458.0								
			OB S	00085	02.21	33-190	26.53		1458.1								
			085	88000	01.80	33.140	26.52		1456.3								
			085	00093	02.12	33.290	26.62		1458-0								
			STD OBS	00100	02.65	33.65	26.86	00.154	1460.9								
			OBS	00100	02.65 04.31	33.650 33.900	26.86		1460.9								
			085	00115	04.42	33.920	26.90 26.91		1468.5 1469.1								
			STD	00125	04.25	33.91	26.92	00-184	1468.5								
			085	00125	04.25	33.910	26.92	000201	1468.5								
			08\$	00132	04.00	33.900	26.93		1467.5								
			STD	00150	04.72	34.10	27.02	00.212									
			08S	00150	04.72	34.100	27.02		1471-1								
			OBS	00160	04.36	34.086 34.110	27.04		1469.8								
			085	00180	05.04	34.280	27.06 27.12		1470.1								
			CBS	00190	04.74	34.250	27.13		1472.1								
			STD	00200	04.63	34.25	27.14	00.262	1471.8								
			OBS	00200	04.63	34.250	27.14		1471.8								
			085	00222	04.86	34.370	27.21		1473.2								
			OBS STD	00235	04.65 04.72	34.340	27.21		1472.5								
			OBS	00250	04.72	34.43 34.430	27.28 27.28	00.307									
			OBS	00275	04.84	34.480	27.30		1473.2								
			STD	00300	04.78	34.51	27.33	00.347									
			OBS	00300	04.78	34.510	27.33		1474.4								
			STD	00400	04.89	34.64	27.42	00.422	1476.7								
			OBS OBS	00400	04.89	34-640	27.42		1476.7								
			STD	00470	04.38 04.38	34.646 34.67	27.48	00 400	1475.7								
			OBS	00550	04.39	34.720	27.51 27.54	00.489									
			STD	00600	04.23	34.75	27.58	00.550	1477.2								
			085	00650	04.14	34-770	27.61	00.550	1477.9								
			STD	00700	04-11	34.79	27.63	00.606	1478.6								
			085	00700	04-11	34.790	27.63		1478.6								
			OBS STD	00750	04.04	34.820	27.66		1479.2								
			OBS	00800	04.01	34.84	27.68	00.658									
			STD	00900	03.94	34.840 34.89	27.68 27.73	00.706	1479.9								
			OBS	00900	03.94	34.890	27.73	00.700	1481.3								
			085	00980	03.90	34.940	27.77		1482.6								
			STD	01000	03.87	34.94	27.77	00.750	1482.8								
			OBS	01000	03.87	34.940	27.77	_	1482.8								
			OBS	01020	03.85	34.960	27.79		1483.1								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

	837U 0021 30.8N 28.0W	MONT	1974 H 04 11 15.6	BOTDP 02102 SHIP EV DATA USE I AREA 05	HET BARO		19	GT PER 2 2	WIND-DIR WIND-SPO WIND-FOR WEATHER	30	TRAC	STD REC E DIR TION 011 511	00.5	5 2	N SQ I SQUARE SQUARE SQUARE	46
CASTNUM	/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXYG	PD4	TOT P	NO2	NO3	\$103	PH	
		STD	00000	- 0.58	32.76	26.36	00.000	1441.6								
	15.6	OBS	00000	- 0.98	32.760	26.36		1441.6								
		STD	00010	- 0.99	32.77	26.37	00.017	1441.8								
		085	00010	- 0.99	32.770	26.37		1441.8								
		STD	00020	- 1.01	32.78	26.38	00.033	1441.8								
		STD	00030	- 1.04	32.79	26.39	00.050	1441-5								
		OBS	00030	- 1-04	32.790	26.39		1441.9								
		STD OBS	00050	- 1.40	32.83	26.43	00.082	1440-6								
			00050	- 1.40	32.830	26.43		1440 -6								
		OBS STD	00060	- 1.42 - 0.94	32.850	26.45		1440.7								
		085	00075	- 0.94	33.05	26.59	00.121									
		OBS	00085	00.08	33.050	26.59		1443.5								
		OBS	00095	03.17	33.210 33.770	26.68		1448.6								
		STD	00100	03.44	33.83	26.91	00 163	1463.2								
		OBS	00100	03.44	33.83	26.93 26.93	00.153	1464.5								
		STD	00125	04.73	34.08	27.00	00.181	1470.7								
		085	00125	04.73	34.08	27.00	00-101	1470.7								
		STD	00150	04.40	34.19	27.12	00.206	1469.9								
		085	00180	04.39	34.250	27.17	00.200	1470.4								
		OBS	00190	04.48	34.250	27.16		1471.0								
		STD	00200	04.38	34.25	27.17	00.253	1470.7								
		OBS	00200	04.38	34.250	27.17		1470.7								
		STD	00250	04.34	34.39	27.29	00.297									
		DBS	00250	04.34	34.390	27.29		1471.6								
		OBS	00270	04.51	34.45ü	27.32		1472.7								
		OBS	00280	04.38	34.480	27.35		1472.4								
		STD	00300	04.63	34.52	27.36	00.336	1473.8								
		OBS	00300	04.63	34.520	27.36		1473.8								
		OBS	00370	04.80	34-610	27.41		1475.8								
		STD	00400	04-47	34.61	27.45	00.409	1474.9								
		08\$	00400	04.47	34.610	27.45		1474.9								
		STD	00500	04.29	34.67	27.51	00.475									
		OBS	00505	04-28	34.670	27.52		1475.9								
		085	00550	04.33	34.710	27.54		1476.9								
		OBS	00570	04-43	34.730	27.55		1477.7								
		STD	00600	04.27	34.75	27.5€	00.535	1477.5								
		OB S STD	00600	04-27	34.750	27.58		1477.5								
		OBS	00700	04-19	34.79	27.62	00.591									
		OBS	00700 00758	04.19	34.790	27.62		1478.9								
		STD	00800	04.05	34.820	27.66	00 441	1479.3								
		OBS	00800	04.00	34.83 34.830	27.67	00.644									
		OBS	00875	03.57	34.88C	27.67		1479.8								
		STD	00900	03.93	34.89	27.72 27.73	00 403	1481-0								
		OBS	00900	03.93	34.890	27.73	00.692	1481.3								
		STD	01000	03.92	34.95	27.78	00.737	1481.3								
		OBS	01000	03.92	34.950	27.78	30.131	1483.0								

REFID 31 8370 CONSEC 0022 LAT 45 39.5N LONG 047 44.5M	MONTH 04 DAY 11				BULB 05.8 METR 1014.6	8 19 4 5		WIND-DIR 17 WIND-SPD 27 WIND-FOR WEATHER X4		INST STD RECORDER TRACE DIR D DURATION ORIG 011 512 26			TEN SQ 1306 5 SQUARE 4 2 SQUARE 46 1 SQUARE 57	
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
CASTNUM/TIME	STD OBS OBS OBS OBS OBS OBS STD OBS OBS OBS OBS OBS OBS OBS OB	DEPTH 00000 00000 00010 00010 00010 00020 00030 00050 00055 00100 00125 00150 00177 00200 00227 00227 00227 00227 00227 00227 00227 00227 00250 00277 00300 00414 00424 00449 00400 00551 00600 00551 00600 00700 00770 00700 00770	TEMP - 1. 32 - 1. 32 - 1. 33 - 1. 33 - 1. 32 - 1. 60 - 1. 78 - 1. 78 - 1. 31 - 0. 76 - 0. 76 00. 26 00. 85 01. 45 01. 92 01. 95 02. 80 03. 86 03. 76 03. 76 03. 74 03. 72 03. 66 03. 76 03. 76 03. 65 03. 65 03. 65	32.58 32.58 32.58 32.60 32.600 32.660 32.78 32.78 32.78 33.16 33.16 33.16 33.16 33.49 33.89 33.89 33.98 33.98 34.13 34.1	26.22 26.22 26.24 26.24 26.24 26.24 26.24 26.40 26.50 26.50 26.50 26.50 27.02 27.02 27.02 27.02 27.02 27.13 27.18 27.18 27.27 27.27 27.27 27.27 27.27 27.27 27.33 27.43 27.43 27.43 27.43 27.43 27.45 27.49 27.62 27.72 27.72 27.72 27.72 27.76 27.76	00.000 00.018 00.036 00.053 00.087 00.127 00.163 00.195 00.222 00.271 00.314 00.354 00.427	1439.8 1439.9 1439.9 1440.1 1439.1 1438.7 1441.5 1450.4 1450.4 1450.8	OXYG	PO4	TOT P	NO2	NO3	\$103	PH
					*****	******	•							
REFID 31 8370 CONSEC 0023 LAT 45 47-2N LONG 047 58-0W	YEAR 1974 MONTH 04 DAY 11 HOUR 20.6		BOTDP 00545 SHIP EV DATA USE 1 AREA 05	AIR TEMP 06.2 MET BULB 05.8 BAROMETR 1010.4 CLCUD T/A		DIR HGT PER 18 4 5 SEA CL/TR		WIND-DIR 17 WIND-SPD 20 WIND-FOR WEATHER X4				00.2	D 5 SQUARE 4	
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNC VEL	OXY G	PO 4	TOT P	NO2	NO3	\$103	PH
62	OBS STD OBS OBS STD	00000 00000 00010 00010 00010 00020 00030 00050 00075 00075 00114 00125 00150 00115 00150 00175 00150 00175 00150 00175 00150 00175 00150 00175 00150 00175 00150 00175 00150 00175 00150 00175 00150 00175 00150 00175 00150 00175	0C.39 00.44 00.46 00.71 00.85 00.85 01.15 01.85 02.71 03.62 03.85	32.57 32.57 32.57 32.58 32.59 32.59 32.59 32.59 32.65 32.78 32.78 32.78 32.78 33.15 33.35 33.46 34.51 34.60	26.78 26.81 26.82 26.82 26.85	00.000 00.018 00.036 00.054 00.131 00.171 00.207 00.240 00.303 00.363 00.419 10.509	1439.7 1439.8 1440.1 1438.6 1438.6 1439.4 1440.9 1440.9 1440.9 1440.9 1440.9 1445.3 1450.6 1450.6 1450.7 1451.9 1451.9 1451.9 1451.9 1453.3 1453.3 1455.1 1456.3 1456.3 1456.3 1456.3 1456.3 1457.3 1457.3 1457.3 1457.3 1457.3 1457.3 1457.3 1457.3 1457.3 1457.3 1457.3 1457.3 1457.3 1477.3 1477.3							

REFID 31 8370 CONSEC 0024 LAT 45 50.0N LONG 048 05-3H	MONTH 04 DAY 11	BOTDP 00190 SHIP EV DATA USE 1 AREA 05	AIR TEMP 04.6 WET BULB 04.2 BAROMETR 1010.8 CLCUD T/A	DIR HGT PER 22 3 2 SEA CL/TR	WIND-DIR 21 WIND-SPD 20 WIND-FOR WEATHER X5	INST STD RECORDER TRACE DIR D DURATION 00.1 ORIG 011 514	TEN SQ 1306 5 SQUARE 4 2 SQUARE 48 1 SQUARE 58
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNDPTH SND VEL	OXY 6 PO4	TOT P NO2 NO3	\$103 PH
22.0	STD 00000 OBS 00000 STD 00010 OBS 00010 STD 00020 OBS 00020 STD 00030	- 1.32 - 1.32 - 1.32 - 1.32 - 1.32 - 1.32 - 1.32	32.56 26.21 32.560 26.21 32.57 26.22 32.57 26.22 32.57 26.22 32.57 26.22 32.57 26.22 32.57 26.23	00.000 1439.8 1439.8 0C.018 1439.9 1439.9 00.036 1440.1 1440.1 00.054 1440.3			
	OBS 00030 STD 00050 OBS 00050 STD 00075 OBS 00075	- 1.31 - 1.34 - 1.34 - 1.74 - 1.74	32.590 26.23 32.60 26.24 32.600 26.24 32.71 26.34 32.710 26.34	1440.3 00.090 1440.5 1440.5 00.133 1439.2 1439.2			
	OBS 00088 STD 00100 OBS 00100	- 1.59 - 1.63 - 1.63	32.760 26.38 32.90 26.49 32.900 26.49	1440.2 00.174 1440.4 1440.4			
				*******			75 N 60 1204
REFID 31 8370 CONSEC 0025 LAT 45 58.0N LONG 048 15.4W	MONTH 04	BOTDP 00106 SHIP EV DATA USE 1 AREA 05	AIR TEMP 02.2 WET BULB 02.2 BAROMETR 1010.8 CLUUD T/A	DIR HGT PER 18 4 5 SEA CL/TR	WIND-DIR 19 WIND-SPD 18 WIND-FOR WEATHER X5	INST STD RECORDER TRACE DIR D DURATIGN 00-1 DRIG 011 515	TEN SQ 1306 5 SQUARE 4 2 SQUARE 48 1 SQUARE 58
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNOPTH SND VEL	OXYG PO4	TOT P NO2 NO3	S103 PH
23.7	STD 00000 DBS 00000 STD 00010 STD 00020 STD 00030 STD 00050 DBS 00050 DBS 00068 STD 00075 OBS 00075 OBS 00075	- 1.03 - 1.03 - 1.03 - 1.03 - 1.05 - 1.07 - 1.12 - 1.12 - 1.50 - 1.37 - 1.37 - 1.37	32.50 26.15 32.50 26.15 32.50 26.16 32.50 26.16 32.51 26.16 32.52 26.17 32.52 26.17 32.54 26.19 32.540 26.19 32.540 26.26 32.77 26.38 32.770 26.38 32.770 26.38 32.850 26.44	00.000 1441.0 1441.0 00.019 1441.2 1441.2 00.037 1441.3 00.056 1441.3 00.056 1441.5 1441.5 1440.1 00.171 1441.1 1442.4 00.177 1442.5			
	085 00100	- 1.17	32.850 26.44	1442.5			
REFID 31 8370	YEAR 1974	BOTDP 00117	AIR TEMP 02.8	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1306
CONSEC 0026 LAT 46 02.8N LONG 048 25.0W	MONTH 04 DAY 12 HOUR 04-1	SHIP EV DATA USE 1 AREA 05	WET BULB 01.9 BARGMETR 1008.9 CLGUD T/A	26 3 4 SEA CL/TR	WIND-SPD 14 WIND-FOR WEATHER X4	TRACE DIR D DURATION 00.1 DRIG 011 516	5 SQUARE 4 2 SQUARE 68 1 SQUARE 68
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNOPTH SND VEL	OXY G PO4	TOT P NO2 NO3	S103 PH
04.1	STD 00000 OBS 00000 STD 00010	- 0.95 - 0.95 - 0.95	32.51 26.16 32.510 26.16 32.53 26.17	00.000 1441.4 1441.4 00.019 1441.6			
	OBS 00010 STD 00020 OBS 00020	- 0.95 - 0.97 - 0.97	32.530 26.17 32.55 26.19 32.550 26.19	1441.6 00.037 1441.7 1441.7			
	STD 00030 085 00030	- 1.10 - 1.10	32.58 26.22 32.580 26.22	00.055 1441.3 1441.3			
	OBS 00041 STD 00050 OBS 00050	- 1.44 - 1.53 - 1.53	32.590 26.24 32.65 26.29 32.656 26.29	1439.9 00.091 1439.7 1439.7			
	STD 00075 08S 00075	- 1.71 - 1.71	32.77 26.39 32.770 26.39	00.133 1439.4 1439.4			
	OBS 00084 STD 00100 OBS 00100 OBS 00115	- 1.36 - 1.22 + 1.22 - 1.20	32.900 26.48 32.92 26.50 32.920 26.50 32.930 26.50	1441.4 00.173 1442.4 1442.4 1442.7			
	083 00117	- 1020		*******			
REFID 31 8370 CONSEC 0027 LAT 46 08.0N LONG 048 44.0W	MONTH 04 DAY 12	BOTDP 00085 SHIP EV DATA USE 1 AREA 05	WET BULB 01-1	26 3 3	WIND-DIR 28 WIND-SPD 10 WIND-FOR WEATHER X4	INST STD RECORDER TRACE DIR D DURATION 00-1 ORIG 011 517	TEN SQ 1306 5 SQUARE 4 2 SQUARE 68 1 SQUARE 68
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNDPTH SHO VEL	DXY G PO4	TOT P NO2 NO3	\$103 PH
07.1	STD 00000 0BS 00000	- 0.66	32.26 25.95 32.260 25.95	00.000 1442.4 1442.4			
	STD 00010 08S 00010 STD 00020	- 0.66 - 0.66 - 0.70	32.27 25.95 32.276 25.95 32.29 25.97	00.021 1442.6 1442.6 00.041 1442.6			
	DBS 00020 STD 00030	- 0.70	32.296 25.97 32.30 25.98	1442.6			
	08S 00030 STD 00050	- 0.77 - 0.93	32.300 25.98 32.33 26.01	1442.5 00.102 1442.1			
	OBS 00050 STD 00075 DBS 00075 DBS 00084	- 1.35 - 1.35	32.330 26.01 32.41 26.09 32.410 20.09 32.420 26.10	1442.1 00.151 1440.6 1440.6 1440.8			
			****	*******			

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

	1 8370 0028 5 33.6N 5 09.3W	MONT	H 04	BOTOP 03944 SHIP EV DATA USE 1 AREA 05			20	GT PER	WIND-DIR WIND-SPD WIND-FOR WEATHER	20	TRAC	E DIR	CORDER D 00-5	5	N SQ 13 SQUARE SQUARE SQUARE	44
CASTNU	NTIHE	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	N02	NO3	\$103	PH	
		STD	00000	04.04	33.23	26.40	00.000	1464.6								
	21.8	OBS	00000	04-04	33.230	26.40		1464.6								
		STD	00010	04.05	33.24	26.40	00.016	1464.9								
		STD	00020	04.08	33.24	26.40	00.033	1465 . 2								
		OBS STD	00020	04-08	33.240	26.40 26.39	00.049	1465.2								
		OBS	00030	04.12 04.12	33.23 33.230	26.39	00.049	1465.5								
		OBS	00045	04.36	33.376	26.48		1466.9								
		STD	00050	04.18	33.36	26.49	00.081									
		OBS	00055	04.02	33.350	26.50		1465.6								
		OBS	00070	03.64	33.330	26.52		1464.2								
		STD	00075	03.71	33.34	26.52	00.120	1464.6								
		OBS	00080	03.75	33.376	26.54		1464.9								
		OBS	00085	03.75	33.420	26.58		1465.1								
		085	00090	04.14	33.440	26.55 *	00 167	1466.8								
		STD	00100	03.70	33.43	26.59	00.157	1465.1 1465.1								
		OBS OBS	00120	05.13	33.430 33.790	26.72		1471.9								
		STD	00125	05.17	33.81	26.73	00.192	1472.2								
		OBS	00130	05.24	33.830	26.74		1472.6								
		CBS	00140	05.45	34.070	26.91		1473.9								
		STD	00150	05.29	34.03	26.90	00.224	1473.4								
		OBS	00150	05.29	34.030	26.90		1473.4								
		085	00180	04.86	34.080	26.98		1472.2								
		STD	00200	04.73	34.14	27.05	00.279	1472.0								
		OBS	00200	04.73	34.140 34.190	27.05 27.07		1472.0 1473.1								
		OBS OBS	00220	04.89 04.81	34.190	27.08		1472.9								
		STO	00250	05.15	34.28	27-11	00.330									
		085	00250	05.15	34.280	27.11		1474.8								
		OBS	00275	04.73	34.280	27.16		1473.5								
		STD	00300	05.18	34.47	27.26	00.377	1476.0								
		OBS	00300	05.18	34.470	27.26		1476.0								
		OBS	00350	05-35	34.590	27.33		1477.7								
		STD	00400	05.16	34.61	27.37	00.458	1477.7								
		OBS OBS	00400	05.16 04.97	34.610	27.37 27.39		1477.7								
		STD	00500	04.84	34.71	27.49	00-529	1478.2								
		OBS	00500	04-84	34.710	27.49	001727	1478.2								
		OBS	00550	04-68	34.740	27.53		1478.4								
		STD	00600	04.54	34.77	27.57	00.592	1478.7								
		OBS	00600	04.54	34.770	27.57		1478.7								
		085	00650	04.30	34.760	27.59		1478.5								
		STD	00700	04-21	34.75	27.59	00.651	1479.0								
		085	00700	04.21	34.750	27.59		1479.0								
		OBS	00750	04-16	34.820	27.65 27.66	00-704	1479.7								
		OBS	00800	04.21	34.840	27.66	00.700	1460.7								
		OBS	00850	04.04	34.810	27.65		1460.8								
		STD	00900	04-12	34.92	27.73	00.755	1482.1								
		OBS	00900	04-12	34.920	27.73		1482.1								
		OBS	00950	04.09	34.950	27.76		1482.9								
		STD	01000		34.97	27.78	00.800	1483 .4								
		CB\$	01000	04.00	34.970	27.78		1483.4								
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TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID 31 8370 CONSEC 0029 LAT 45 47-5N LONG 045 48-0W	MONT DAY	1974 H 04 13 03.2	BOTDP 03109 SHIP EV DATA USE I AREA 05				GT PER 3 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	27	TR AC	STD RE E DIR Tign 011 51	00.6	5 5	N SQ 1306 SQUARE 4 SQUARE 44 SQUARE 55
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	\$103	PH
03.2	STD OBS	00000	03.92 03.92	33.83 33.835	26.89 26.89	00.000	1465.0 1465.0							
03.2	STD	00010	03.92	33.84	26.89	00.012	1465.1							
	085	00010	03.92	33.837	26.89	******	1465.1							
	STD	00020	03.92	33.84	26.89	00.023	1465.3							
	OBS	00020	03.92	33.840	26.89		1465.3							
	STD	00030	03.93 03.93	33.85 33.847	26.90 26.90	00.035	1465.5							
	OBS STD	00050	03.98	33.86	26.91	00.058	1466.1							
	OBS	00050	03.98	33.861	26.91		1466.1							
	OBS	00062	04.19	33.949	26.95		1467.3							
	STD	00075	03.84	33.99	27.02	00.086	1466.1							
	OBS	00075	03.84	33.990	27.02 27.13		1466 • 1 1463 • 5							
	OBS STD	00095	03.15 04.12	34.30	27.24	00.110	1468.1							
	OBS	00100	04.12	34.296	27.24		1468.1							
	OBS	00113	05.33	34.500	27.26		1473.6							
	STD	00125	05.13	34.49	27.28	00.131	1472.9							
	08S 08S	00125 00133	05.13 05.50	34.480	27.28 27.32		1472.9							
	STD	00150	05-24	34.60	27.35	00.150	1473.9							
	OBS	00150	05.24	34.596	27.35		1473.9							
	OBS	00173	04.97	34.595	27.38		1473.2							
	OBS	00184	05.83	34.795	27.44		1477.2							
	OBS STD	00197	05.87	34.813	27.44 27.46	00.186	1477.5							
	OBS	00200	05.88 05.91	34.869	27.48	00.100	1478.0							
	OBS	00223	¢5.50	34.824	27.50		1476.5							
	CBS	00228	05.72	34.885	27.52		1477.6							
	OBS	00232	04.95	34.800	27.54	00 217	1474.4							
	STD	00250 00250	05.33 05.33	34.86 34.859	27.55 27.55	00.217	1476.3 1476.3							
	OBS	00252	05.51	34.908	27.56		1477.1							
	OBS	00265	05.33	34.893	27.57		1476.6							
	085	00289	05.76	35.009	27.61		1478.9							
	STD	00300	05.46	34.98	27.63	00.244	1477.8							
	08\$ 08\$	00301	05.46 05.67	34.979 35.031	27.62 27.64		1477.8							
	OBS	00348	05.24	34.981	27.65		1477.7							
	OBS	00359	04.73	34.931	27.67		1475.7							
	085	00384	04.55	34.925	27.69		1475.4							
	STD OBS	00400 00400	04.63 04.63	34.96 34.964	27.71 27.71	00.292	1476.0							
	085	00413	04.52	34.954	27.71		1475.8							
	OBS	00424	04.58	34.977	27.73		1476.2							
	085	00449	04.25	34.935	27.73		1475.2							
	085	00472	04.43	34.976	27.74	00 334	1476.4							
	\$10 085	00500 00500	04.39 04.39	34.98 34.984	27.75 27.75	00.334	1476.7							
	OBS	00548	04.25	34.974	27.76		1476.9							
	STD	00600	04.26	34.98	27.77	00.375	1477.8							
	OBS	00600	04.26	34.982	27.77		1477.8							
	OBS STD	00648	04.22 04.28	34.995 35.01	27.78 27.79	00.415	1478.5							
	OBS	00700	04.28	35.011	27.79	00.413	1479.6							
	CBS	00748	04.20	35.002	27.79		1480.1							
	OBS	00750	04.25	34.995	27.78		1480.3							
	STO	00800	04.23	34.99	27.78	00.455	1481.0							
	OBS OBS	00800	04.23 04.08	34.990 34.975	27.78 27.78		1481.0 1481.2							
	STD	00900	03.83	34.93	27.77	00.497	1480.9							
	OBS	00900	03.83	34.935	27.77		1480.9							
	085	00950	03.72	34.925	27.78		1481.3							
	CBS	00970	03.69	34.920	27.78	00 520	1481.5							
	STD	01000 01000	03.86 03.86	34.95 34.950	27.78 27.78	00.539	1482.8 1482.8							
	OBS	01020	03.84	34.940	27.78		1483.0							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFII CONSI LAT LONG	46	8370 0030 00.0N 25.5W	MONT DAY	1974 H 04 13	BOTDP 00878 SHIP EV DATA USE I AREA 05			28	GT PER b 3	WIND-DIR WIND-SPD WIND-FOR WEATHER	25	TRACE DURAT		00.4	5	N SQ 1306 SQUARE 4 SQUARE 66 SQUARE 66
CA	STNUM	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	PO4	TOT P	NO2	ND3	\$103	PH
			STD	00000	01.05	33.01	26.47	00.000	1451.3							
		10.2	OBS	00007	01.05	33.010	20.47		1451.4							
			STD	00010	01.05	33.01	26.46	00.016								
			OBS	00019	01-04	33.000	26.46		1451.6							
			STO	00020	01.03	33.00	26.46	00.032	1451.6							
			OBS	00020	01.03	33.000	26.46	00.047	1451.5							
			STD	00030	06.99	33.07	26.52	00.047	1451.6							
			OBS	00032	00-98	33.080	26.53	00.077	1451.9							
			STD	00050	00.97	33.09 33.090	26.53 26.54	00.011	1451.9							
			OBS	00051	00.97 01.31	33.21	26.61	00.114								
			STD	00075 00076	01-34	33.210	26.61		1454.1							
			085	00079	01.44	33.220	26.61		1454 . 7							
			OBS	00089	03.08	33.620	26.80		1462.5							
			STD	00100	03.60	33.72	26.83	00.148	1465.1							
			OBS	00106	03.85	33.770	26.85		1466.3							
			STD	00125	04.21	33.89	26.91	00.178	1468.3							
			085	00129	04.26	33.920	26.92		1468.6							
			STD	00150	04.33	34.02	26.99	00.206	1469.4							
			OBS	00152	04.35	34-030	27.00		1469.5							
			085	00167	04.56	34.100	27.03		1470.7 1468.9							
			085	00175	04.09	34.110	27.09	00 259	1469.6							
			STD	00200	04-14	34.12	27.09 27.09	00.238	1469.7							
			085	00203	04.15 04.08	34.126 34.120	27.10		1469.5							
			OBS	00209	04.24	34.250	27.19		1470.4							
			08S	00215 00228	04.24	34.240	27.18		1470.6							
			085	002237	04.46	34.350	27.24		1471.8							
			OBS	00247	04.73	34.380	27.24		1473.1							
			STD	00250	04.75	34.38	27.23	00.305	1473.2							
			DBS	00253	04.76	34.380	27.23		1473.4							
			OBS	00276	04.73	34.440	27.28		1473.7							
			STD	00300	04.57	34.45	27.31	00.347								
			085	00302	04.56	34.450	27.31		1473.4							
			OBS	00350	04.56	34.476	27.33		1474.3							
			STD	00400	04.38	34.56	27.41	00.423	1474.5							
			OBS	00403	04.37	34.560	27.42		1474.5							
			OBS	00464	04.11	34.590	27.47	00.492	1474.9							
			STD	00500	04.08	34.58	27.47 27.47	00.492	1474.9							
			OBS	00502	04.08	34.580	27.47		1475.8							
			OBS	00552	04.09	34.70	27.56	00.556								
			STD	00600	04.07 04.07	34.700	27.56	000000	1476.7							
			OBS OBS	00666	03.96	34.720	27.59		1477.3							
			STD	00700	03.91	34.71	27.55	00.614								
			085	00711	03.89	34.710	27.59		1477.8							
			OBS	00750	03.79	34.720	27.61		1478.0							
			STD	00800	03.74	34.79	27.67	00.668	1478.7							
			OBS	00801		34.790	27.67		1478.7							
			OBS	00871		34.790	27.67		1479.8							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

		0031 04.0N 54.1H	DAY	H 04 13 16-1	SHIP EV DATA USE 1 AREA 05	WET BARO	TEMP 02.3 BULB 00.8 METR 1015.9 D T/A			WIND-SPD WIND-FOR WEATHER		TRAC DURA ORIG	TION		ORDER D 00.5 14	5 2	EN SQ I SQUARE SQUARE SQUARE	E 4
CAST	INUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	N	02	NO3	\$103	PH	
			STD	00000	- 1.01	32.51	26.16	00.000	1441.1									
		16.1	OBS	00003	- 1.01	32.510	26.16		1441-2									
			STD	00010	- 1.00	32.52	26.17	00.019	1441-4									
			280	00013	- 1.00	32.533	26.18	00.037	1441.4									
			STD 085	00020	- C.93 - 0.88	32.63 32.650	26.25 26.27	00.037	1442.0 1442.3									
			085	00026	- 0.30	32.855	26.41		1445.4									
			STD	00030	- 0.13	32.99	26.52	00.053	1446.4									
			OBS	00030	- 0.11	33.010	26.53		1446.5									
			OBS y	00041	00.32	33.076	26.56		1448.8									
			OBS"	00043	00.61	33.215	26-66		1450.3									
			OBS STD	00047	01.26 01.26	33.280 33.29	26.67 26.67	00 083	1453.4									
			OBS	00053	01.34	33.310	26.69	00.002	1453.9									
			085	00059	01.66	33.400	26.74		1455.5									
			OBS	00068	02.66	33.567	26.79		1460.3									
			OBS	00074	03.06	33.710	26.87		1462.3									
			STD	00075	03.17	33.72	26.87	00.114	1462.8									
			OBS	00081	03.75	33.770	26.86		1465.5									
			08 S 08 S	00097	02.78 02.79	33.725 33.760	26.91 26.94		1461.5									
			STD	00100	02.93	33.78	26.94	00.143	1462.3									
			OBS	00104	03.56	33.890	26.97	000413	1465.2									
			OBS	00112	04.42	34.040	27.00		1469.2									
			STD	00125	04.53	34.09	27.03	00.171	1469.9									
			085	00127	04.55	34.100	27.03		1470.0									
			OBS	00140	02-85	34.000	27.12		1462.9									
			OBS STD	00148	03.13 03.25	34.015 34.03	27-11 27-11	00.196	1464.8									
			OBS	00152	03.41	34.060	27.12	00.190	1465.6									
			085	00177	03.36	34.120	27.17		1465.9									
			085	00182	03.51	34.120	27.16		1466.6									
			OBS	00186	04-48	34.250	27.16		1470.9									
			STD	00200	04-65	34.32	27.20	00.243										
			OBS	00201	04.67	34.330	27.20		1472.1									
			08S 08S	00226	04.73 04.79	34.407	27.24		1472.8									
			STO	00250	04.68	34.39	27.25	00.287										
			OBS	00255	04.56	34.370	27.25	000201	1472.5									
			OBS	00257	04.55	34.370	27.25		1472.5									
			OB\$	00266	04.26	34.400	27.30		1471.5									
			085	00281	03.71	34.380	27.34		1469.4									
			OBS OBS	00283	03.78	34.400	27.35		1469.8									
			STO	00300	04.21 04.32	34.44G 34.47	27.34 27.35	00.327	1471.7									
			085	00350	04.55	34.540	27.38	00.32.	1474.3									
			STD	00400	04.58	34.59	27.42	00.401	1475.3									
			OBS	00401	04.58	34.590	27.42		1475.3									
			OBS	00453	04.46	34.590	27.43		1475.7									
			STD	00500	04.35	34.60	27.45	00.471										
			OBS OBS	00500	04.35 04.28	34.600	27.45 27.46		1476.0									
			STD	00600	04.15	34.69	27.54	00.536	1477.0									
			OBS	00601	04.15	34.690	27.55	00.330	1477.0									
			OBS	00651	03.97	34.700	27.57		1477.1									
			STD	00700	03.99	34.73	27.59	00.595	1478.0									
			OBS	00700	03.99	34.730	27.59		1478.0									
			OBS STD	00750	03.85	34.710	27.59	00 453	1478.2									
			OBS	00800	03.78 03.78	34.74 34.740	27.62 27.62	00.651	1478.8									
			085	00850	03.74	34.800	27.68		1479.6									
			STO	00900	03.69	34.79	27.67	00.704	1480.2									
			OBS	00900	03.69	34.790	27.67		1480 . 2									
			OBS	00951	03.63	34.780	27.67		1480.8									
			STD	01000	03.60	34.80	27.69	00.754										
			OBS OBS	01001 01026	03.60 03.60	34.805 34.890	27.69 27.76		1481.5 1482.0									

REFID 31 8370 CONSEC 0032 LAT 46 13-1N LONG 047 09-8W	MONTH	13	BOTOP 00815 SHIP EV DATA USE I AREA 05	WET I	TEMP -00.8 BULB -02.0 METR 1016.3 D T/A	DIR H 28 SEA CL/TR	GT PER 6 3	WIND-DIF WIND-SPE WIND-FOR WEATHER	22	TRACE DURAT		00.3	5 .	N SQ 1306 SQUARE 4 SQUARE 66 SQUARE 67
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	O XY G	P04	TOT P	NO2	NO3	\$103	PH
	STD OBS STD OB	DEPTH 00000 00000 00011 00020 00030 00045 00051 00055 00075 00075 00175 00200 00175 00256 00250	TEMP - 1.35 - 1.31 - 1.30 - 1.29 - 1.29 - 1.29 - 1.29 - 1.29 - 1.39 - 1.45 - 0.87 - 0.61 - 0.87 - 0.61 - 0.35 - 00.13 - 00.35 - 00.13 - 00.35 - 00.13 - 00.35 - 00.35 - 00.35 - 00.35 - 00.35 - 00.35 - 00.35 - 00.35 - 00.35 - 00.35 - 00.35 - 00.35 - 00.37 - 0.35 - 00.37 - 0.35 - 00.37 - 0.35 - 00.37 - 0.35 - 00.37 - 0.35 - 00.37 - 00.35 - 00.37 - 00	32.52 32.52 32.52 32.52 32.53 32.53 32.53 32.53 32.53 32.53 32.52 32.52 32.52 33.00 33.210 33.20 34.20	26.18 26.18 26.18 26.18 26.18 26.18 26.18 26.18 26.17 26.18 26.30 26.56 26.71 26.73 26.73 26.73 27.01 27.01 27.10 27.20 27.30 27.30 27.30 27.30 27.30 27.48 27.48 27.48 27.48 27.48 27.48 27.48 27.40 27.60	DYNOPTH	1439.6 1439.6 1439.9 1440.2 1440.2 1440.3 1440.4 1440.2 1440.3 1440.4 1442.4 1442.4 1442.4 1442.4 1442.4 1446.8 1442.4 1446.8 1450.6 1452.4 1446.8 1450.6 1453.9 1454.1 1458.0 1458.0 1458.0 1458.0 1458.0 1458.0 1458.0 1458.0 1458.0 1458.0 1458.0 1458.0 1459.2 1460.3 1470.3 14	O XY G	P04	TOT P	NO2	NO3	SIO3	PH
REFID 31 8370 CONSEC 0033 LAT 46 14.8N LONG 047 28.7N	YEAR : MONTH DAY HOUR :	04 13	BOTDP 00305 SHIP EV DATA USE 1 AREM 05	AIR T WET B BARCH CLOUD	ULB 00.4 ETR 1018.3	DIR HO 28 4 SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	20	TRACE		00.2	5 S	SQ 1306 QUARE 4 QUARE 66 QUARE 67
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	O XY G	P04	TOT P	NO2	NQ3	\$103	PH
22.3	OBS STD OBS STD OBS OBS OBS OBS OBS OBS OBS OBS OBS OBS	00009 00010 00020 00022 00030 00055 00055 00068 00075 00075 00100 00100 00102 00125 00125 00150 00177 00200 00203 00253 00253 00277 00300	- 1.46 - 1.45 - 1.45 - 1.45 - 1.45 - 1.67 - 1.69 - 1.74 - 1.58 - 1.33 - 1.33 - 1.33 - 1.33 - 1.18 - 0.54 - 0.08 - 0.06 00.32 00.32 00.36 00.64 00.68 00.92 01.08 01.10 01.23 01.73 01.76	32.390 32.39 32.45 32.470 32.57 32.580 32.57 32.580 32.720 32.720 32.72 32.72 32.72 32.72 32.82 33.30 33.30 33.30 33.310 33.310 33.310 33.310 33.310 33.310 33.310 33.310 33.310	26.07 26.08 26.13 26.14 26.16 26.23 26.30 26.34 26.34 26.34 26.34 26.35 26.42 26.46 26.76 26.68 26.74 26.75 26.89 26.89 27.02 27.02 27.02 27.06 27.14		1439.0 1439.0 1439.3 1439.4 1439.4 1438.9 1438.9 1438.9 1448.2 1441.2 1441.2 1441.3 1441.7 1441.8 1442.7 1440.0 1442.7 1440.0 1450.8 1450.8 1450.8 1450.7 1460.5 1460.7							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID . 31 8370 CONSEC 0034 LAT 46 20.0N LONG 047 36.0W	YEAR 1974 MONTH 04 DAY 13 HOUR 23.8	BOTDP 00194 SHIP EV DATA USE I AREA 05	AIR TEMP 00.5 WET BULB -00.3 BARCMETR 1018.7 CLGUO T/A	DIR HGT PER 35 4 3 SEA CL/TR	WIND+DIR 30 WIND-SPD 20 WIND+FOR WEATHER X2	INST STD RECORDER TRACE DIR D DURATION 00-2 ORIG 011 524	TEN SQ 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 67
CASTNUM/TIME 23.8	STD 00000 085 00010 085 00011 STD 00020 085 00020 STD 00030 STD 00030 STD 00030 OBS 00030 STD 00050 OBS 00051 OBS 00057 OBS 00057 OBS 00062 STD 00076 STD 00150 OBS 00100	TEMP - 1.51 - 1.51 - 1.49 - 1.49 - 1.49 - 1.49 - 1.49 - 1.52 - 1.52 - 1.52 - 1.63 - 1.75 - 1.76 - 1.70 - 1.69 - 1.61 - 1.60 - 1.42 - 1.41 - 0.77 - 0.75 - 0.22 - 0.20 - 0.20	SAL SIGMA-T 32.38	DYNDPTH SND VEL 00.000 1438.6 1438.7 00.020 1438.8 1438.9 00.039 1439.0 1439.2 1439.2 1439.5 1439.5 1439.1 1438.6 00.142 1439.3 1439.4 00.185 1440.3 00.225 1441.8 00.263 1445.6 1448.3 1448.7 1448.7	OXY G PO4	TOT P NO2 NO3	SIO3 PH
REFID 31 8370 CONSEC 0035 LAT 46 24.0N LONG 047 51.5W	YEAR 1974 MONTH 04 DAY 14 HOUR 02-2	BOTDP 00124 SHIP EV DATA USE 1 AREA 05	AIR TEMP 01.0 WET BULB 00.0 BARDMETR 1020.0 CLGUD T/A	32 3 2 SEA CL/TR	WIND-DIR 32 WIND-SPD 20 WIND-FOR WEATHER X5	INST STD RECORDER TRACE DIR D DURATION 00-1 CRIG 011 525	1 SQUARE 67
CASTNUM/TIME 02+2	STD 00000 OBS 00010 STD 00020 OBS 00020 STD 00020 OBS 00030	TEMP - 1.18 - 1.18 - 1.17 - 1.17 - 1.17 - 1.17 - 1.17 - 1.17 - 1.17 - 1.17 - 1.33 - 1.33 - 1.33 - 1.68 - 1.70 - 1.07 - 1.07 - 1.06 - C.97	SAL SIGMA-T 32.47 26.13 32.47 26.13 32.48 26.14 32.480 26.15 32.50 26.15 32.50 26.16 32.56 26.21 32.64 26.21 32.64 26.28 32.663 26.28 32.86 26.44 32.860 26.44 32.865 26.44	DYNDPTH SND VEL 00.000 1440.3 1440.5 1440.5 00.038 1440.7 1440.7 00.056 1440.9 00.093 1440.5 00.138 1439.4 1439.3 00.179 1443.0	OXY G PD 4	TOT P NO2 NO3	SIO3 PH
REFIO 31 8370 CONSEC 0036 LAT 46 29.0N LONG 048 05.0W	YEAR 1974 MONTH 04 DAY 14 HOUR 04.0	BOTOP 00109 SHIP EV DATA USE 1 AREA 05	AIN TEMP 01.0 MET BULB 00.0 BANCMETR 1020.0 CLUUD T/A	DIR HGT PER 32 3 2 SEA CL/TR	MIND-DIR 32 WIND-SPD 20 WIND-FOR WEATHER X2	INST STD RECORDER TRACE DIR D DURATION 00-1 ORIG 011 526	TEN SQ 1306 5 SQUARE 4 2 SQUARE 68 1 SQUARE 68
CASTNUM/TIME 04.0	STD 00000 OBS 00010 STD 00010 OBS 00013 STD 00020 OBS 00020 STD 00020 STD 00030 STD 00035 OBS 00053 STD 00075 OBS 00053 OBS 00063 OBS 00063	- 1.07 - 1.07 - 1.06 - 1.06 - 1.18 - 1.37 - 1.39 - 1.44 - 1.44 - 1.48	SAL SIGMA-T 32.37 26.05 32.38 26.06 32.39 26.06 32.40 26.07 32.40 26.07 32.40 26.10 32.48 26.15 32.49 26.15 32.52 26.18 32.52 26.18 32.520 26.15 32.520 26.16 32.740 26.35	DYNDPTH SND VEL OC.000 1440.6 1440.7 00.020 1440.8 1440.9 00.039 1441.1 0C.059 1440.7 00.096 1440.2 1440.2 00.143 1440.4 1440.3 1441.6	OXY G PO4	1CT P NO2 NO3	SIO3 PH

REFIO 31 8370 CONSEC 0037 LAT 46 33-2N LONG 048 20-0N	MONTH 04 DAY 14	BOTDP 00098 SHIP EV DATA USE 1 AREA 05	AIR TEMP -01.8 WET BULB -03.0 BARDMETR 1019.6 CLGUD T/A	DIR HGT PER 30 4 3 SEA CL/TR	WIND-DIR 30 WIND-SPD 20 WIND-FOR WEATHER X1	INST STD RECORDER TRACE DIR D DURATION 00-1 ORIG 011 527	TEN SQ 1306 5 SQUARE 4 2 SQUARE 68 1 SQUARE 68
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNDPTH SND VEL	OXY G PO4	TOT P NO2 NO3	S103 PH
05.5	STD 00000 OBS 00003 STD 00010 OBS 00011 STD 00020 OBS 00020 STD 00030 OBS 00030 STD 00050 OBS 00070 STD 00075 OBS 00076 OBS 00089	- 1.06 - 1.06 - 1.06 - 1.06 - 1.06 - 1.04 - 1.04 - 1.04 - 1.05 - 1.05 - 1.43 - 1.43 - 1.43	32.33	00-000 1440.7 1440.8 1440.8 1440.8 00-040 1441.1 1441.3 00-040 1441.3 00-099 1441.6 1440.5 00-146 1440.6 1440.6			
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REFID 31 8370 CONSEC 0038 LAT 46 40.0N LONG 048 33.1W	YEAR 1974 MONTH 04 DAY 14 HOUR 08-1	BOTDP 00091 SHIP EV DATA USE 1 AREA 05	AIR TEMP -01.0 MET BULB -02.7 BAKGMETR 1021.0 CLCUD T/A	DIR HGT PER 30 4 3 SEA CL/TR	WIND-DIR 32 WIND-SPD 14 WIND-FOR WEATHER X1	INST STD RECORDER TRACE DIR D DURATION 00.4 ORIG 011 528	TEN SQ 1306 5 SQUARE 4 2 SQUARE 68 1 SQUARE 68
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNDPTH SND VEL	OXY G PO4	TOT P NO2 NO3	S103 PH
08.1	STD 00000 DBS 00003 STD 00010 OBS 00021 STD 00020 OBS 00020 STD 00030 OBS 00030 OBS 00030 OBS 00030 OBS 00050 OBS 00050 OBS 00050 OBS 00051 OBS 00051 OBS 00053	- 1.06 - 1.07 - 1.07 - 1.06 - 1.06 - 1.06 - 1.09 - 1.17 - 1.23 - 1.43 - 1.43	32.30 26.00 32.305 26.00 32.31 26.00 32.31 26.00 32.32 26.00 32.32 26.01 32.38 26.05 32.380 26.06 32.380 26.06 32.380 26.06 32.380 26.06 32.380 26.06 32.380 26.06 32.380 26.06 32.380 26.06	00.000 1440.6 1440.7 00.020 1440.7 1440.8 00.040 1441.0 1441.0 1441.2 1441.2 1441.4 00.099 1441.1 1440.3 1440.0 00.147 1440.6			
REFID 31 8370 CONSEC 0039 LAT 46 44.1N LONG 048 41.5W	MONTH 04	BOTDP 00079 SHIP EV DATA USE 1 AREA 05	AIR TEMP -01.0 WET BULB -02.7 BABOMETR 1021.0 CLOUD T/A	DIR HGT PER 30 4 3 SEA CL/TR	WIND-DIR 32 WIND-SPD 16 WIND-FOR WEATHER X1	INST STD RECORDER TRACE DIR D DURATION 00.1 GRIG 011 529	
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNDPTH SND VEL	OXY G PO4	TOT P NO2 NO3	S103 PH
09.8	STD 00000 OBS 00001 STD 00010 OBS 00011 OBS 00019 STD 00020 STD 00030 OBS 00032 OBS 00049	- 1.08 - 1.08	32.31 26.00 32.310 26.00 32.32 26.01 32.320 26.01 32.320 26.01 32.32 26.01 32.32 26.01 32.32 26.01 32.32 26.01 32.32 26.01 32.320 26.01	00.000 1440.5 1440.5 00.020 1440.7 1440.8 00.040 1440.8 00.060 1441.0 1441.8			
			****	*******			
REFID 31 837(CONSEC 0040 LAT 47 02-21 LONG 049 07-01	MONTH 04 DAY 14	BOTDP COOSO SHIP EV DATA USE 1 AREA 05	AIR TEMP OO.1 WET BULB -02.2 BARCMETR 1021.1 CLGUD T/A	DIR HGT PER 29 4 3 SEA CL/TR	WIND-DIR 32 WIND-SPD 20 WIND-FOR WEATHER X1	INST STD RECORDER TRACE DIR D DURATION 00-1 ORIG 011 530	TEN SQ 1306 5 SQUARE 4 2 SQUARE 68 1 SQUARE 79
CASTNUM/TIME		TEMP	SAL SIGMA-T	DYNOPTH SAD VEL	OXY G PO4	TOT P NO2 NO3	S103 PH
13.4	STD 00000 OBS 00011 STD 00010 OBS 00011 STD 00020 STD 00030 OBS 00030 STD 00050 OBS 00076	- 1.20 - 1.22 - 1.23 - 1.46	32.99 26.55 32.990 26.55 32.97 26.54 32.97 26.54 32.99 26.55 32.990 26.55 32.990 26.55 32.990 26.55 32.980 26.55 32.980 26.55 32.980 26.55 32.993 26.56	00.000 1441.1 1441.2 1441.2 1441.2 00.030 1441.3 1441.3 1441.4 1441.4 00.075 1441.6 00.112 1440.9			

REFID 31 8370 CONSEC 0041 LAT 47 01.5N LONG 048 51.5M	YEAR 1974 MONTH 04 DAY 14 HOUR 14.6	BOTDP 00093 SHIP EV DATA USE 1 AREA 05	AIR TEMP -00.8 HET BULB -02.6 BARCMETR 1020.9 CLOUD T/A	DIR HGT PER 01 3 3 SEA CL/TR	WIND-DIR 02 WIND-SPD 13 WIND-FOR WEATHER X1	TRACE DIR D 5 DURATION 00-1 2	N SQ 1306 SQUARE 4 SQUARE 68 SQUARE 78
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNDPTH SND VEL	DXYG PO4	TCT P NO2 NO3 \$103	PH
14.6	STD 00000 OBS 00001 STD 00010 OBS 00011 STD 00020 OBS 00020 STD 00030 OBS 00030 STD 00050 OBS 00051 STD 00076 OBS 00076 OBS 00085	- 1.17 - 1.19 - 1.19 - 1.19 - 1.19 - 1.20 - 1.20 - 1.20 - 1.20 - 1.20 - 1.20	32.97 26.54 32.970 26.54 32.980 26.55 33.980 26.63	00.000 1441.0 1441.1 00.015 1441.1 100.030 1441.3 1441.3 1441.4 00.045 1441.4 00.075 1441.7 00.113 1441.8 1441.8 1441.8			
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REFID 31 8370 CONSEC 0042 LAT 47 00.0N LONG 048 32.0W	YEAR 1974 MONTH 04 DAY 14 HOUR 15.9	BOTOP 00108 SHIP EV DATA USE II AREA 05	AIR TEMP -00.6 WET BULB -01.6 BAROMETR 1020.3 CLOUD T/A	DIR HGT PER 00 0 X SEA CL/TR	WIND-DIR 32 WIND-SPD 15 WIND-FOR WEATHER X2	TRACE DIR D 5 DURATION 00-1 2 ORIG 011 532	EN SQ 1306 SQUARE 4 SQUARE 68 SQUARE 78
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNDPTH SND VEL	DXY G PO4	TOT P NO2 NO3 S103	PH
15.5	STD 00000 DBS 00001 DBS 00001 STD 00010 STD 00020 DBS 00022 STD 00030 DBS 00030 STD 00050 STD 00050 OBS 00053 STD 00050 OBS 00075 OBS 00075 OBS 00075	- 1.17 - 1.17 - 1.17 - 1.19 - 1.19 - 1.19 - 1.19 - 1.21 - 1.21 - 1.21 - 1.21 - 1.51 - 1.52 - 1.48	32.97 26.54 32.975 26.54 33.00 26.56 33.000 26.56 32.97 26.54 32.97 26.54 32.98 26.54 32.98 26.54 32.98 26.55 32.97 26.54 32.97 26.54 32.97 26.54 32.97 26.54 33.12 26.66 33.120 26.67 33.140 26.68 33.193 26.73	00.000 1441.0 1441.1 1441.1 1441.2 1441.2 00.030 1441.3 1441.3 00.045 1441.4 00.075 1441.7 00.111 1440.9 1440.9 1441.5			
					hthp-010 31	TACT OTD DECODED TO	EN SQ 1306
REFID 31 8370 CONSEC 0043 LAT 47 01.0N LONG 048 20.0N	MONTH 04 DAY 14	BOTDP 00113 SHIP EV DATA USE 1 AREA 05	AIR TEMP -00.2 WET BULB -00.8 BAROMETR 1019.8 CLGUD T/A	DIR HGT PER 00 0 X SEA CL/TR	WIND-DIR 31 WIND-SPD 15 WIND-FOR WEATHER X2	TRACE DIR D 5 DURATION 00.1 2	SQUARE 4 SQUARE 68 SQUARE 78
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNOPTH SNO VEL	OXY G PO4	TOT P NO2 NO3 SIO3	PH
17.1	STD 00000 OBS 00001 OBS 00011 STD 00020 OBS 00020 STD 00030 OBS 00051 STD 00050 OBS 00051 STD 00076 OBS 00100 OBS 00100 OBS 00100	- 1.17 - 1.18 - 1.21 - 1.21 - 1.19 - 1.21 - 1.21 - 1.21 - 1.23 - 1.23 - 1.32 - 1.32 - 1.33 - 1.48 - 1.48 - 1.48 - 1.48	33.08	00.000 1441.2 1441.2 1441.2 00.014 1441.2 00.028 1441.4 00.043 1441.5 1441.5 00.071 1441.7 1441.7 1441.7 1441.7 1441.7 1441.7			
			****	*******			
REFID 31 8370 CONSEC 0044 LAT 47 01.5N LONG 048 03.0W	MONTH 04 DAY 14	BOTDP 00145 SHIP EV DATA USE 1 AREA 05	AIR TEMP 00.0 WET BULB -01.0 BAROMETR 1019.8 CLCUD T/A	00 O X	WIND-DIR 30 WIND-SPD 12 WIND-FOR WEATHER X1	TRACE DIR D 5 DURATION 00-1 2	EN SQ 1306 SQUARE 4 SQUARE 68 SQUARE 78
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNOPTH SND VEL	OXY G PO4	TOT P NO2 NO3 \$103	PH
18.6	STD 00000 OBS 00001 STD 00010 OBS 00020 OBS 00020 OBS 00030 OBS 00030 OBS 00030 STD 00050 OBS 00050 OBS 00075 OBS 00075 OBS 00076 OBS 00076 OBS 00076 OBS 00085 STD 00100 OBS 00102 STD 00125 OBS 00125 OBS 00125 OBS 00123	- C.95	32-980 26-54 32-980 26-54 32-980 26-54 32-980 26-54 32-980 26-54 32-980 26-55 32-980 26-55 33-10 26-65 33-1105 26-65 33-185 26-72	00.000 1441.1 1441.2 00.015 1441.3 1441.4 00.030 1441.5 1441.5 1441.5 00.075 1441.8 1441.0 1440.9 1440.8 1440.8 1441.9 00.175 1444.9 1444.9			71

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0045 LAT 46 57.8N LONG 047 50.0W	MONTH	04 14	BOTDP 00165 SHIP EV DATA USE 1 AREA 05	WET 6	ETR 1019.9	00	GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	07	TRAC	STD REC E DIR TION OII 535	00.1	5 2	N SQ 1306 SQUARE 4 SQUARE 66 SQUARE 67
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SAD VEL	O XY G	P04	TOT P	NO2	N03	\$103	PH
20.1	STD	00000	- 1.14 - 1.14	33.10 33.105	26.64	00.000	1441.4							
20.1	OBS STD OBS	00010	- 1.16 - 1.16	33.10	26.64	00.014	1441.4							
	STD OBS	00020	01.18	33.11	26.54 * 26.54	00.029	1452.4							
	STD	00030	01.20 01.20	33.11	20.54	00.044	1452.6							
	STD OBS	00050	- 1.24 - 1.24	33.12 33.120	26.66 26.66	00.073	1441.7							
	STD DBS	00075	- 1.57 - 1.57	33.18 33.185	26.72 26.72	00.106	1440.7							
	STD	00097	- 1.69 - 1.69	33.190 33.19	20.73 26.73	00.140	1440.5							
	OBS STD	00104	- 1.67 - 1.39	33.40	26.74	00.170	1440.7							
	085 085 085	00127 00140 00146	- 1.32 - 0.83 - 0.53	33.48u 33.54u 33.620	26.95 26.99 27.04		1443.2 1445.8 1447.4							
	STD OBS	00150	- 0.51 - 0.51	33.62	27.04 27.04	00.197	1447.5							
	DBS	00161	- 0.49	33-620	27.04		1447.8							

REFID 31 8370 CONSEC 0046 LAT 46 59.2N LONG 047 32.0N	MONTH DAY	04 14	BOTDP 00216 SHIP EV DATA USE 1 AREA 05	WET E	BULB -01.2 HETR 1020.0	00	GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	10	TRAC	STD REC E DIR TION 011 536	00.2	5	N SQ 1306 SQUARE 6 SQUARE 66 SQUARE 67
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
21.7	STD	00000	- 1.47 - 1.47	33.11 33.108	26.66 26.66	00.000	1439.8							
21.7	STD OBS	00010	- 1.46 - 1.46	33.11	26.66 26.65	00.014	1440.0							
	STD	00020	- 1.47 - 1.47	33.11 33.110	26.66 26.66	00.028	1440 • 2 1440 • 2							
	ST0 085	00030 00030	- 1.47 - 1.47	33.11 33.110	26.66 26.66	00.042	1440.3 1440.3							
	STD	00034	- 1.48 - 1.49	33.100 33.11	26.65	00.070	1440.6							
	OBS STD	00051	- 1.49 - 1.61	33.110	26.66 26.67	00.104	1440.4							
	OBS OBS STD	00076 00095 00100	- 1.62 - 1.73 - 1.73	33.120 33.170 33.19	26.67 26.71 26.73	00.138	1440.4 1440.2 1440.3							
	OBS STD	00100	- 1.73 - 1.43	33.190 33.34	26.73 26.84	00.169	1440.4							
	OBS STD	00125	- 1.42 - 1.12	33.340 33.45	26.84	00.199	1442.5							
	OBS OBS	00152 00175	- 1.07 - 0.42	33.476 33.660	26.94 27.07		1444.7							
	STD 283 280	00200 00201 00211	- 0.34 - 0.34 - 0.35	33.665 33.660	27.07 27.07 27.06	00.252	1449.2 1449.2 1449.3							
	-					*******								
REFID 31 8370 CONSEC 0047	YEAR 19		SOTOP 00400 SHIP EV		EMP -01.3 ULB -02.0	DIR H	T PER	WIND-DIR WIND-SPD		I NST	STD REC	DRDER		N SQ 1306 SQUARE 4
LAT 46 58.8N LONG 047 20.0W	DAY HOUR 2	14	DATA USE 1 AREA 05		ETR 1020.0	SEA CL/TR		WIND-FOR WEATHER		DURAT		00.8	2 5	SQUARE 66 SQUARE 67
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	PO4	TOT P	NO2	NO3	\$103	РН
		00000	- 1.44	33.12	26.66	00.000	1440.0							
23.2	STD	00001 00010 00011	- 1.44 - 1.44 - 1.44	33.117 33.12 33.120	26.66 26.66 26.66	00.014	1440.0 1440.1 1440.2							
	STD	00020	- 1.46 - 1.46	33.13 33.130	26.67 26.67	00.028	1440.2							
	STO	00030 00032	- 1.46 - 1.46	33.13 33.130	26.67 26.67	00-041	1440.4							
	STD	00050 00051	- 1.72 - 1.73	33.19 33.190	26.73 26.73	00.068	1439.6							
	STD	00057 00075	- 1.75 - 1.58	33.200	26.74 26.82	00.100								
	STD	00076 00100	- 1.57 - 1.57	33.310 33.32	26.82 26.83	00.131	1440.9							
	STD	00102	- 1.57 - 1.43	33.330	26.84	00.160	1441.4							
	OBS	00125	- 1.41 - 0.51	33.540 33.670	27.00 27.08	00 105	1442.8							
	OB 5	00150 00150 00175	- 0.45 - 0.44	33.69 33.690 33.820	27.09 27.09 27.16	00.185	1447.9 1447.9 1451.5							
	STO	00200	00.22 00.35 00.38	33.85 33.870	27.19 27.20	00.232	1452.6							
	CBS	00226	00.67	34.020 34.11	27.30 27.36	00.272	1454.7							
	085	00251	00.89	34.110	27.36 27.37		1456.2							
72	STD OBS	00300	01.20	34.21 34.210	27.42 27.42	00.308	1458.6							
14		00350	01.60 02.32	34.350 34.500	27.50 27.57		1461.4							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

00.8 STD 00000 -1.14 33.18 26.70 00.000 1441.5 00.001 1441.5 00.001 00.001 1441.5 00.001 00.001 1441.5 00.001 00.001 1441.5 00.001 00.001 1441.5 00.001 00.001 1441.5 00.001 00.001 1441.6 00.001 00.001 1441.6 00.001 00.001 1441.6 00.001 00.001 1441.6 00.001 00.001 1441.6 00.001 00.001 1441.6 00.001 00.001 1441.6 00.001 00.001 1441.6 00.001 00.001 1441.6 00.001 00.001 1441.6 00.001 00.001 1441.6 00.001 00.001 1441.6 00.001 00.001 1441.6 00.001 1441.6 00.001 00.001 1441.6 00.001 00.001 1441.6 00.001 1441.6 00.001 00.001 1441.6 00.001 1441.6 00.001 00.001 1441.6 00.001 1441	REFID CONSEC LAT LONG	47	8370 0048 00.0N 05.0W	MONT	1974 H 04 15 00.8	BOTOP 01106 SHIP EV DATA USE 1 AREA 05	WET I	TEMP -02.0 BULB -02.7 METR 1020.0 D T/A		GT PER 0 X	WIND-DIR WIND-SPD WIND-FOR WEATHER		TR.	ACE RATI	DIR	CORDER 00.4	5	EN SQ SQUAR SQUAR SQUAR	E 46
OS	CAST	NUH/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P04	TGT	ρ	N02	NG3	\$103	PH	
STD 00010 - 1.14									00.000										
085 00010 - 1.14 33.180 26.70 1441.6 085 00019 - 1.24 33.180 26.71 0.0027 1441.3 STD 00020 - 1.24 33.180 26.71 00.027 1441.3 STD 00030 - 1.20 33.180 26.72 00.004 1441.4 005 005 00050 - 1.30 33.290 26.72 00.006 1441.7 005 00050 - 1.30 33.290 26.81 1441.7 005 00050 - 1.30 33.296 26.81 1441.7 005 00050 - 1.30 33.296 26.81 1441.7 005 00050 - 1.33 33.495 26.99 1442.7 005 00062 - 1.35 33.495 26.99 1442.7 008 00078 - 1.23 33.525 26.99 1442.7 008 00078 - 1.23 33.525 26.99 1442.7 008 00078 - 1.23 33.527 27.03 1445.0 005 00087 - 0.81 33.670 27.03 1445.0 005 00087 - 0.81 33.670 27.03 1445.0 005 00100 - 0.01 34.00 27.33 00.119 1449.0 005 00100 - 0.01 34.00 27.33 1450.8 005 00102 00.25 34.010 27.32 1450.8 005 00112 00.65 34.010 27.32 1450.8 005 00112 00.65 34.010 27.39 1452.9 005 00114 00.92 34.150 27.39 1452.9 005 00115 00.65 34.010 27.39 1452.9 005 00116 00.65 34.010 27.39 1452.9 005 00117 00.65 34.010 27.39 1452.9 005 00118 00.19 34.220 27.44 1450.8 005 00118 00.19 34.220 27.44 1450.8 005 00150 01.31 34.250 27.79 1455.1 005 00150 01.31 34.250 27.79 1455.1 005 00150 01.31 34.250 27.75 1450.8 005 00160 01.31 34.550 27.52 00.152 1456.8 005 00160 01.31 34.550 27.55 1456.8 005 00175 01.89 34.470 27.57 1460.6 005 00180 00190 01.76 34.470 27.57 1460.6 005 00224 01.16 34.570 27.65 1450.9 005 00224 02.15 34.570 27.66 00.228 1455.0 005 00224 02.15 34.570 27.66 00.228 1455.0 005 00224 02.15 34.570 27.66 00.228 1455.0 005 0050 03.69 34.90 27.76 1477.9 005 0050 03.69 34.90 27.77 1477.9 005 0050 03.77 34.910 27.77 1477.9 005 0050 03.77 34.910 27.77 1477.9 005 0050 03.77 34.910 27.77 1477.9 005 0050 03.77 34.910 27.77 1477.9 005 0050 03.77 34.910 27.77 1477.9 005 0050 03.60 03.43 03.490 27.77 1477.9 005 0050 03.60 03.43 03.490 27.77 1477.9 005 0050 03.61 03.490 03.77 34.910 27.77 1477.9 005 0050 03.61 03.490 03.77 34.910 27.77 1477.9 005 0050 03.61 03.490 03.77 34.910 27.77 1477.9 005 0050 03.61 03.490 03.77 34.910 27.77 1478.9			00.8																
085 00019 - 1-24 33-180 26-71 00-027 1441-3 STD 00030 - 1-26 33-19 26-72 00-040 1441-4 085 00030 - 1-26 33-190 26-72 00-040 1441-4 STD 00030 - 1-23 33-190 26-72 1441-4 STD 00050 - 1-33 33-190 26-72 1441-4 STD 00050 - 1-33 33-28 26-73 00-066 1441-4 STD 00050 - 1-35 33-190 26-73 1441-7 STD 00075 - 1-32 33-49 26-93 1441-7 STD 00075 - 1-32 33-49 26-93 1441-7 STD 00075 - 1-32 33-49 26-93 1441-7 OBS 00062 - 1-25 33-670 27-09 1442-7 OBS 00067 - 0-85 33-750 27-18 1445-0 STD 00100 - 0-81 33-750 27-18 1445-0 STD 00100 - 0-12 34-00 27-33 00-119 1490-0 OBS 00100 - 0-0-0 33-760 27-18 1445-0 OBS 00100 - 0-0-0 33-760 27-18 1445-0 OBS 00100 - 0-12 34-00 27-33 1449-5 OBS 00110 - 0-12 34-00 27-33 1449-5 OBS 00110 - 0-12 34-130 27-39 1455-2 STD 00125 01-18 34-23 27-43 1455-9 OBS 001125 01-18 34-23 27-43 1455-0 OBS 00125 01-19 34-230 27-44 1455-0 OBS 00125 01-19 34-230 27-44 1455-0 OBS 00125 01-13 34-350 27-55 00-152 1450-18 OBS 00139 01-23 34-220 27-43 1450-9 OBS 00139 01-23 34-250 27-55 00-152 1450-18 OBS 00139 01-33 34-350 27-55 00-152 1450-18 OBS 00194 01-76 34-470 27-59 00-179 1400-1 OBS 00194 01-76 34-470 27-59 00-179 1400-1 OBS 00100 01-83 34-90 27-60 1462-1 OBS 00226 02-15 34-500 27-60 1462-1 OBS 00450 03-59 34-800 27-76 1460-0 OBS 00451 03-69 34-800 27-76 1460-0 OBS 00451 03-69 34-800 27-76 1460-0 OBS 00451 03-69 34-800 27-76 1477-6 OBS 00450 03-59 34-800 27-77 1477-6 OBS 0050 03-50 03-77 34-900 27-77 1477-6 OBS 0050 03-70 03-83 34-900 27-77 1477-6 OBS 00700 03-63 34-900 27-77 1478-1478-5									00.013										
\$10 00020 - 1.24 33.18 26.71 00.027 1441.3 \$150 00030 - 1.26 33.19 26.72 0.040 1441.4 085 00030 - 1.26 33.190 26.72 0.040 1441.4 085 00030 - 1.30 33.28 26.79 00.066 1441.7 085 00051 - 1.33 33.28 26.89 1441.7 085 00052 - 1.33 33.28 26.89 1441.7 085 00052 - 1.22 33.445 26.89 1441.7 085 00052 - 1.25 33.445 26.89 1441.7 085 00062 - 1.22 33.445 26.89 0.0.096 1442.7 085 00067 - 1.25 33.445 26.89 0.0.096 1442.7 085 00067 - 1.25 33.455 27.09 1445.0 085 00091 - 0.85 33.470 27.19 1445.4 \$150 0100 - 0.12 34.00 27.33 00.119 1449.5 085 00100 - 0.12 34.00 27.33 00.119 1449.5 085 00100 - 0.02 34.00 27.33 1445.6 085 00112 00.65 34.130 27.39 1445.6 085 00112 00.65 34.130 27.39 1455.8 085 00112 00.65 34.130 27.39 1455.8 085 00112 00.93 34.20 27.43 00.136 1455.7 085 00139 01.23 34.20 27.43 00.136 1455.7 085 00139 01.23 34.20 27.43 00.136 1455.7 085 00139 01.23 34.20 27.43 00.136 1455.7 085 00150 01.31 34.35 27.52 00.152 1456.8 085 00150 01.32 34.350 27.52 1459.9 085 00150 01.33 34.350 27.55 00.152 1456.8 085 00160 01.32 34.470 27.59 00.152 1456.8 085 00160 01.33 34.450 27.56 1459.9 085 00180 01.99 34.470 27.57 1459.9 085 00180 00180 01.83 34.470 27.57 1459.9 085 00260 01.83 34.470 27.57 1459.9 085 00260 01.83 34.470 27.59 00.179 1460.1 085 00250 02.25 34.570 27.66 00.228 1465.0 085 00250 02.25 34.570 27.66 00.228 1465.0 085 00401 03.69 34.850 27.66 00.228 1465.0 085 00401 03.69 34.850 27.76 1477.9 085 00401 03.69 34.89 27.76 1477.9 085 00401 03.69 34.89 27.76 1477.9 085 00401 03.69 34.89 27.76 1477.9 085 00401 03.69 34.89 27.76 1477.9 085 00401 03.69 34.90 27.77 1477.9 085 00401 03.69 34.90 27.77 1477.9 085 00401 03.69 34.90 27.77 1477.9 085 00401 03.69 34.90 27.77 1477.9 085 00401 03.69 34.90 27.77 1477.9 085 00401 03.69 34.90 27.77 1477.9 085 00401 03.69 34.90 27.77 1477.9 085 00401 03.69 34.90 27.77 1477.9 085 0050 03.60 03.60 03.49 03.49 00.77 17 1477.9 085 0050 03.60 03.60 03.49 03.49 00.77 17 1477.9 085 0050 03.60 03.60 03.49 00.77 17 1477.9 085 0050 03.60 03.60 03.49 00.77 1																			
\$10 00030									00 027										
085 00030 - 1.26 33.190 26.72 1441.4 STD 00050 - 1.30 33.28 26.79 00.066 1441.7 085 00051 - 1.30 33.28 26.81 1441.7 085 00051 - 1.35 33.485 26.93 1441.9 STD 00075 - 1.32 33.485 26.99 00.096 1442.3 085 00075 - 1.32 33.485 26.99 00.096 1442.3 085 00075 - 0.85 33.485 26.99 00.096 1442.3 085 00075 - 0.85 33.480 27.19 1445.4 STD 00100 - 0.12 34.00 27.33 00.119 1449.0 085 00100 - 0.12 34.00 27.33 00.119 1449.5 085 00100 - 0.01 34.010 27.33 1450.8 085 00112 00.65 34.130 27.39 1452.9 085 00112 00.65 34.130 27.39 1452.9 085 00112 00.15 34.130 27.39 1452.9 STD 00125 01.18 34.23 27.49 00.136 1455.6 085 00125 01.18 34.23 27.49 1452.7 085 00125 01.18 34.23 27.49 1452.7 085 00150 01.12 34.350 27.59 1450.8 OBS 00150 01.12 34.350 27.59 1450.8 OBS 00150 01.12 34.350 27.59 1450.8 OBS 00150 01.13 34.350 27.50 1460.6 OBS 00150 01.18 34.470 27.59 0.1152 1450.8 OBS 00160 01.99 34.470 27.59 0.1152 1450.8 OBS 00160 01.68 34.470 27.59 0.1162 1450.8 OBS 00160 01.68 34.490 27.59 0.179 1460.1 OBS 00250 0250 02.25 34.570 27.59 1460.0 OBS 00250 00250 03.60 34.490 27.60 1462.6 OBS 00250 00250 03.60 34.470 27.59 0.179 1460.1 OBS 00250 00250 03.40 34.490 27.60 1460.0 OBS 00250 00250 03.40 34.490 27.60 1462.6 OBS 00400 03.47 34.80 27.70 00.315 1474.7 OBS 00401 03.68 34.490 27.60 00.216 1471.9 OBS 00401 03.68 34.890 27.71 00.272 1471.8 OBS 00401 03.68 34.890 27.71 00.272 1471.8 OBS 00401 03.68 34.890 27.77 00.491 1470.4 OBS 00401 03.68 34.990 27.77 00.491 1470.4 OBS 00401 03.68 34.990 27.77 00.491 1470.9 OBS 00400 03.67 34.991 27.77 00.491 1470.4 OBS 00400 03.67 34.991 27.77 00.491 1470.4 OBS 00400 03.67 34.991 27.77 00.491 1470.4 OBS 00400 03.67 34.991 27.77 00.491 1470.9 OBS 00400 03.63 34.991 27.77 00.491 1470.9 OBS 00400 03.63 34.991 27.77 00.491 1470.9 OBS 00400 03.63 34.991 27.77 00.491 1470.9																			
\$10 0050 - 1.30 33.28																			
OBS									00.066										
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STD 00700 03.83 34.91 27.75 00.399 1477.6 085 00721 03.81 34.910 27.76 1477.9 085 00750 03.77 34.910 27.76 1478.2 STD 00800 03.72 34.91 27.76 00.441 1478.8 085 00803 03.72 34.905 27.76 1478.8 085 00850 03.68 34.900 27.76 1479.4 STD 00900 03.63 34.90 27.77 00.483 1480.1 085 00902 03.61 34.900 27.77 1480.5						03.55													
OBS 00721 03.81 34.910 27.76 1477.9 OBS 00750 03.77 34.910 27.76 1478.2 STD 00800 03.72 34.91 27.76 00.441 1478.8 OBS 00803 03.72 34.905 27.76 1478.8 OBS 00850 03.68 34.900 27.76 1478.8 STD 00900 03.63 34.90 27.77 00.483 1480.1 OBS 00900 03.63 34.90 27.77 1480.1 OBS 00900 03.63 34.90 27.77 1480.5																			
OBS 00750 03-77 34-910 27-76 1478-2 STD 00800 03-72 34-91 27-76 00-441 1478-8 OBS 00803 03-72 34-905 27-76 1478-8 OBS 00850 03-68 34-900 27-76 1479-4 STD 00900 03-63 34-900 27-77 00-483 1480-1 OBS 00928 03-61 34-900 27-77 1480-1 OBS 00928 03-61 34-900 27-77 1480-5									00.399										
STD 00800 03.72 34.91 27.76 00.441 1478.8 OBS 00803 03.72 34.905 27.76 1478.8 OBS 00850 03.68 34.900 27.76 1479.4 STD 00900 03.63 34.90 27.77 00.483 160.1 OBS 00900 03.63 34.90 27.77 1480.1 OBS 00928 03.61 34.900 27.77 1480.5																			
OBS 00803 03.72 34.905 27.76 1478.8 OBS 00850 03.68 34.900 27.76 1479.4 STD 00900 03.63 34.900 27.77 00.483 1460.1 OBS 00900 03.63 34.900 27.77 1460.1 OBS 00928 03.61 34.900 27.77 1460.5					00750				00										
OBS 00850 03.68 34.900 27.76 1479.4 STD 00900 03.63 34.90 27.77 00.483 1480.1 OBS 00900 03.63 34.900 27.77 1480.1 OBS 00928 03.61 34.900 27.77 1480.5									00.441										
STD 00900 03.63 34.90 27.77 00.483 1480.1 OBS 00900 03.63 34.90u 27.77 14.00.1 OBS 00928 03.61 34.90u 27.77 1480.5																			
08S 00900 03.63 34.90U 27.77 1460.1 08S 00928 03.61 34.90U 27.77 1480.5									00.483										
OBS 00928 03.61 34.900 27.77 1480.5									300403										
STD 01000 03.61 34.90 27.77 00.525 1481.6									00.525										
OBS 01000 03.61 34.90u 27.77 1481.6																			

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0049 LAT 46 59.1N LONG 046 45.5H	MONT	1974 H 04 15 03.5	BOTOP 01106 SHIP EV DATA USE I AREA 05	WET E	TEMP -02.0 BULB -03.0 METR 1019.8 D T/A			WIND-DIR WIND-SPD WIND-FOR WEATHER	98	TRACE		00.6	5	N SQ 1 SQUARE SQUARE SQUARE	66
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	N03	\$103	РН	
	STD	00000	- 0.62	33.21	26.71	00.000	1443.9								
03.5	085	00000	- 0.62	33.210	26.71	***************************************	1443.9								
V3.2	STD	00010	- 0.60	33.21	26.71	00.013	1444 - 2								
	085	00010	- 0.60	33.210	26.71		1444.2								
	STD	00020	- C.62	33.21	26.71	00.027	1444-3								
	OBS	00020	- 0.62	33.210	26.71		1444.3								
	STO	00030	- 0.62	33.22	26.72	00.040	1444.5								
	085	00030	- 0.62	33.220	26.72		1444.5								
	STD	00050	00.50	33.74	27.08	00.063	1450.7								
	OBS	00050	00.50	33.740	27.08		1450.7								
	OBS	00066	00.55	33.820	27.15		1451.3								
	STD	00075	01.63	34.08	27.28	00.086	1456 . 6								
	OBS	00075	01.63	34.080	27.28		1456.6								
	OBS	00096	02.64	34.220	27.32		1461.6								
	STD	00100	01.94	34.21	27.37	00.105	1458.6								
	OBS	00108	01.04	34.210	27.43		1454.7								
	STD	00125	01.35	34.29	27.47	00.122	1456.5								
	085	00125	01.35	34.296	27.47		1456.5								
	STD	00150	01.80	34.39	27.52	00.137	1459.0								
	OBS	00150	01.80	34.390	27.52		1459.0								
	DBS	00163	01.98	34.480	27.58		1460.1								
	OBS	00182	01.81	34.480	27.59		1459.7								
	STD	00200	02.12	34.53	27.61	00.164									
	OBS	00200	02-12	34.530	27.61		1461-4								
	STD	00250	03.27	34.72	27.66	00.188	1467.5								
	OBS	00250	03.27	34.720	27.66		1467.5								
	085	00270	03-22	34.710	27.65		1467.6								
	STD	00300	03.55	34.76	27.66	00.211	1469.6								
	OBS	00300	03.55	34.764	27.66		1469.6								
	OBS	00340	03.85	34.820	27.68		1471.6								
	STD	00400	04-02	34.85	27.69	00.257	1473.3								
	OBS	00400	04-02	34.850	27.69		1473.3								
	STD	00500	04.01	34.86	27.70	00.303	1475.0								
	088	00500	04.01	34.860	27.70		1475.0								
	STD	00600	03.92	34.87	27.71	00.348	1476.2								
	OBS	00600	03.52	34.876	27.71	00 202	1476.2								
	STD	00700	03.81	34.86	27.72	00.393									
	085	00700	03.81	34.860	27.72	00.439	1477.4								
	STD	00800	03.72	34.85	27.72 27.72	00.439	1478-7								
	085 \$TD	00800	03.72	34.850 34.84	27.72	00.485									
		00900	03.63 03.63	34.840	27.72	00.402	1480.0								
	08S \$TD		03.54	34.84	27.73	00.531	1481.3								
	085	01000	03.54	34.840	27.73	000,738	1481.3								
	085	01020	03.55	34.850	27.73		1481.7								
	UDS	01020	43433	J40J4	2:0:3		4407 01								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSEC LAT LONG	46	8370 0050 58.5N 30.0W	DAY	1974 H 04 15 05-6	BOTOP 00365 SHIP EV DATA USE I AREA US	MET BARG	TEMP -01.5 BULB -02.5 METR 1019.8 D T/A		IGT PER	WIND-DIR WIND-SPD WIND-FOR WEATHER	08	TRAC	STD REEDIR E DIR TION 011 5	OO.1	5	EN SQ 1306 SQUARE 4 SQUARE 66 SQUARE 66
CAST	NUH/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
			STD	00000	- 0.78	32.98	26.53	00.000	1442.9							
		05.6	OBS	00005	- 0.78	32.98ú	20.53		1443.0							
			STD	00010	- 0.76	32.98	26.53	00.015	1443.1							
			CBS	00011	- 0.76	32.980	26.53		1443.2							
			STD	00020	- 0.80	32.98	26.54	00.030	1443.1							
			OBS	00020	- 0.80	32.990	26.54		1443.1							
			STD	00030	- 0.78	33.10	26.63	00.045	1443.5							
			OBS	00030	- 0.78	33.110	26.64		1443.6							
			OBS	00032	- C-60	33.680	27.09		1445.2							
			085	00038	00.13	33.715	27.08		1448.7							
			CBS	00041	00.48	33.777	27.12		1450.5							
			STD	00050	00-45	33.78	27.12	06.069	1450.5							
			CBS	00053	00.44	33.780	27.12		1450.5							
			085	00057	00-44	33.794	27.13		1450.6							
			OBS	00066	01.11	33.877	27.16		1453.9							
			STD	00075	03.40	34-12	27-17	00.092	1464.4							
			OBS	00076	03.44	34.150	27.19		1464.6							
			OBS	00078	03.36	34.130	27.18		1464.3							
			OBS	00087	02.34	34.015	27.18		1459.8							
			OBS	00095	02.36	34.020	27.18		1460.1							
			STD	00100	01.85	34.01	27.21	00-114	1457.9							
			OBS	00100	01.75	34.010	27.22	000214	1457.5							
			DBS	00106	01.14	34.013	27.27		1454.8							
			085	00108	01.21	34.150	27.37		1455.4							
			085	00112	01.57	34.210	27.39		1457.1							
			OBS	00116	01.54	34.260	27.44		1457.1							
			085	00121	02.52	34.350	27.43		1461.7							
			STD	00125	03.13	34.42	27.44	00.133								
			085	00131	03.87	34.510	27.43	000133	1467.8							
					03.95	34.510	27.42		1468.3							
			OBS OBS	00139		34.500	27.45									
				00146	03.63 03.71	34.540			1467.0							
			OBS				27.47	00 150								
			STD	00150	03.85	34.55	27.47	00.150	1468.1							
			OBS	00152	04-04	34.570	27.46		1469.0							
			OBS	00167	04.30	34.643	27.49		1470.4							
			085	00171	03.90	34.57C	27.48		1468.7							
			085	00175	02.77	34.560	27.48		1468.2							
			OBS	00178	03.38	34.565	27.52		1466.6							
			OBS	00184	03.23	34.570	27.54		1466.0							
			STD	00200	04.28	34.77	27.60	00.179	1471.0							
			OBS	00201	04.36	34.790	27.60		1471.4							
			CBS	00226	04.50	34.830	27.62		1472 -4							
			STD	00250	04.54	34.84	27.62	00.204	1473.0							
			OBS	00251	04.54	34.840	27.62		1473.0							
			OBS	00277	04.57	34.910	27.67		1473.7							
			STD	00300	04.58	34.90	27.67	00.229	1474.1							
			OBS	00302	04.58	34.900	27.67		1474.1							
			OBS	00350	04.24	34.910	27.71		1473.5							
			085	00363	04-22	34.910	27.71		1473.6							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 83 CONSEC 00 LAT 47 00. LONG 046 16.	51 M	EAR 1974 DNTH 04 AY 15 DUR 07.3	BOTDP 00305 SHIP EV DATA USE 1 AREA 05	BARO	TEMP 00.0 BULB -01.8 METR 1019.8 D T/A	DIR H 30 SEA CL/TR	GT PER *	WIND-DIR WIND-SPD WIND-FOR WEATHER	08	TRAC	STD REG E DIR TION 011 54	00 • 2	5	N SQ 1306 SQUARE 4 SQUARE 66 SQUARE 76
CASTNUM/TIM	E LVLT	YP DEPTH	TEMP	SAL	SEGMA-T	DYNDPTH	SND VEL	GXY G	P04	TOT P	N02	NO3	\$103	РН
07.	STI 3 OBS	00000	- 0.37 - 0.37	32.99 32.990	26.52 26.52	00.000	1444.8							
VI.	08\$	00009	- 0.37	32.980	20.52		1444.9							
	STI	00010	- 0.37 - 0.35	32.98 32.990	26.52 26.52	00.015	1445.0 1445.1							
	CBS	00015	- 0.26	33.110	26.62		1445.7							
	085 085	00017	00.04 00.57	33.400	26.84 26.97		1447.5							
	\$11	00020	00.65	33.67	27.02	00.028	1450.7							
	OBS	00022	00.63 01.00	33.815	27.13 27.20		1451.8							
	OBS		01.39	33.96	27.21	00.038	1454.6							
	OBS	00030	01.49	33.973 34.060	27.21		1455.1							
	OBS OBS	00034	02.63 03.25	34.166	27.21		1463.3							
	085	00045	03.37	34-160	27.20	00 055	1463.8							
	OBS	00050	03.20 03.14	34.14 34.130	27.20 27.20	00.055	1462.9							
	OBS	00055	03.56	34.170	27.19		1464.8							
	OBS	00072	03.18 02.92	34.146	27.20 27.21	00.077	1463.4							
	OBS	00076	02.83	34.115	27.22		1461.9							
	ST	00100 00100	02.57 02.56	34-16 34-176	27.28 27.28	00.098	1461.3							
	OBS	00104	02.71	34.210	27.30		1462.0							
	ST CBS	00125 00125	C3.09	34.33	27.36 27.36	00.117	1464.2							
	OBS	00133	03.09	34.346	27.37		1464.3							
	OBS OBS	00142 00146	03.38	34.357	27.36 27.36		1465.7							
	ST		03.51	34.45	27.42	00.135	1466.5							
	OBS	00150	03.56	34.465	27.43 27.45		1466.8							
	08S	00154 00159	04.10 03.94	34.543	27.45		1468.6							
	CBS		03.89	34.560	27.47	00.167	1468.7							
	ST OBS			34.69	27.51 27.52	00.101	1472.2							
	085	00226	04.83	34-825	27.58	00 105	1473.8							
	ST OBS			34.89 34.887	27.62 27.62	00.195	1474.6							
	OBS	00276	04.59	34.840	27.62	00 221	1473.7							
	ST OBS			34.85 34.85u	27.62 27.63	00.221	1474.0							
					*****	*******	•							
									21	PALET	STD REG		7.5	N SQ 1306
		EAR 1974 IONTH 04	BOTDP 00301 SHIP EV		TEMP 00.0 BULB -01.8	29	GT PER 3 4	WIND-DIR WINC-SPD	10	TR AC	E DIR	D	5	SQUARE 4
LONG 046 02		AY 15	DATA USE 1 AREA 05		METR 1019.8 D T/A	SEA CL/TR		WIND—FOR WEATHER		DURA	011 54	00.2		SQUARE 76
CASTNUM/TE		YP DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	904	TOT P	NO2	NO3	\$103	PH
CASTRONITI								0.10		,,,,,				
08	S1 9 OBS			33.31 33.310	26.75 26.75	00.000	1448.6							
	ST			33.31	26.75 26.75	00.013	1448.8							
	OB 9			33.313	26.76		1449.0							
	\$1 083			33.49	26.89 26.99	00.025	1449.5							
	083			33.620 33.845	27.14		1452.3							
	\$1	00030	01.32	33.94	27-19	00.036	1454.3							
	OB:			33.940 33.955	27.19 27.20		1454.4 1455.1							
	OB S	00041	02.57	34-145	27.26	00 053	1460.3 1461.0							
	S1 08:			34.15 34.150	27.25	00.033	1461.1							
	08			34-113	27.25	00.074	1459.8							
	S1 08:			34.14	27.26 27.26	00.074	1460.8							
	S			34.24	27.30	00.094	1463.0							
	08: S	TD 0012:	02.96	34.240 34.32	27.30 27.37	00.113	1463.1 1463.6							
	08:	S 0012	02.96	34.32Q 34.36	27.37 27.40	00.121	1463.6							
	OB	S 0015	03.04	34.363	27.40	00.131	1464.4							
	OB: OB	\$ 0015	8 03.00	34.360 34.510	27.40 27.46		1464.3							
	OB	\$ 0019	0 03.68	34.580	27.51		1468.1							
	S 08	TD 0020	0 04.10	34.66	27.53 27.54	00.163	1470-1 1470-8							
	08	S 0023	0 04.56	34.800	27.59		1472.7							
	S 08	TD 0025 \$ 0025		34.80 34.800	27.60	00.191	1472.7 1472.7							
	08 08	\$ 0027	6 04.24	34.815	27.64		1472.2							
	06	S 0029	8 04.25	34.830	27.65		44.5.00							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSEC LAT LONG	46	8370 0053 24.6N 50.5W	MONT	1974 H 04 25 12.3	BOTDP 04045 SHIP EV DATA USE I AREA 05			DIR F 24 SEA CL/TR	GT PER 1 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	06	TR A	E D.	I R	ORDER D 00.4	5	EN SQ 1306 SQUARE 3 SQUARE 60 SQUARE 61
CAS1	TNUH/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	O XY G	P04	TOT	PI	NO2	NO3	\$103	PH
			STD	00000	04-24	34.19	27.14	00.000	1466.8								
		12.3	OBS	00003	04.24	34.190	27.14		1466.8								
			STD	00010	04-23	34-19	27.14	06-009	1466.9								
			OBS	00011	04.22	34.190	27.14		1466.9								
			STD	00020	04-13	34-19	27.15	0(.019	1466.7								
			OBS	00020	04-12	34.190	27.15		1466.6								
			STD	00030	03.96	34.19	27.17	00.028	1466 - 1								
			085 085	00030	03.95	34-187 34-170	27.17 27.16		1466.1 1465.9								
			STO	00050	03.79	34.18	27.18	00.046	1465.7								
			OBS	00051	03.78	34.180	27.18		1465.7								
			STD	00075	03.48	34.27	27.28	00.067	1464.9								
			OBS	00076	03-47	34.270	27.28		1464.9								
			STD	00100	03.28	34.30	27.32	00.087	1464.5								
			OBS	00100	03.27	34.300	27.32		1464.5								
			STD	00125	03-02	34.31	27.35	00.106	1463.8								
			OBS	00125	03.02	34.310	27.35		1463.8								
			STD	00150	02.87	34.32	27.37	00.124	1463.6								
			OBS	00152	02.86 02.79	34.320	27.38 27.46		1463.6								
			08S 08S	00177	02.67	34.470	27.51		1463.8 1463.8								
			STO	00200	02.67	34.47	27.51	00.157	1463.8								
			OBS	00201	02.68	34.470	27.51	001131	1463.8								
			OBS	00226	02.69	34.460	27.50		1464.3								
			STD	00250	02.70	34.52	27.55	00.186									
			OBS	00253	02.70	34.520	27.55		1464.8								
			OBS	00277	02.71	34.530	27.56		1465.3								
			STD	00300	02.72	34.53	27.56	00-214	1465.7								
			OBS	00302	02.73	34.530	27.56		1465.8								
			OBS STD	00350	02.96	34.650	27.63	00 240	1467.7								
			OBS	00400	03.27	34.680	27.62	00.268	1469.5								
			OBS	00451	03.72	34.826	27.69		1472.9								
			STD	00500	03-86	34.86	27.71	00.315	1474.3								
			OBS	00502	03.86	34.860	27.71	000385	1474.4								
			085	00552	03.91	34.880	27.72		1475.4								
			STD	00600	03.88	34.89	27.73	00.359	1476.1								
			OBS	00601	03.88	34.896	27.73		1476.1								
			OBS	00651	03.84	34.890	27.74		1476.8								
			STD	00700	03.81	34.89	27.74	00.402	1477.5								
			OBS	00702	03.81	34-890	27.74		1477-5								
			OBS	00751	03.77	34.880	27.74		1478.2								
			STD OBS	00800	03.72 03.72	34.88	27.74	00.445	1478.7								
			OBS	00850	03.72	34.880 34.880	27.74 27.75		1478.8								
			STD	00900	03.65	34.88	27.75	00.489	1480.1								
			OBS	00902	03.65	34.880	27.75	551407	1480.1								
			OBS	00953	03.59	34.880	27.75		1480.8								
			STD	01000	03.56	34.88	27.76	00.532	1481.4								
			OBS	01001	03.56	34.880	27.76		1481.4								
			085	01024	03.55	34.876	27.76		1481.8								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 83 CONSEC 00 LAT 46 18. LONG 041 49.	MONT N DAY	1974 H 04 25 13.9	BOTOP 04200 SHIP EV DATA USE 1 AREA 05	WET BARC	TEMP 06.5 BULB 06.5 METR 1023.3 D T/A	DIR H Ol Sea CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	04	TRA	ATIO	ER N	ORDER D 00.4 40014	5	N SQ 1306 SQUARE 3 SQUARE 60 SQUARE 61
CASTNUMTIM	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SAD VEL	OXY G	P04	TOT	P I	4 02	NO3	\$103	PH
	STD	00000	04.24	34.19	27.14	00.000	1466.8								
13.5		00003	04-24	34.190	27-14		1466.8								
	STD	00010	04-23	34-19	27.14	00.009	1466 . 9								
	OBS OTS	00011	04.22 04.13	34.196	27.14 27.15	06.019	1466.9 1466.7								
	085	00020	04.12	34.19 34.190	27.15	00.014	1466.6								
	STD	00030	03.96	34.19	27.17	00.028	1466.1								
	OBS	00030	03.95	34.187	27.17	001020	1466.1								
	OBS	00047	03.79	34.180	27.18		1465.7								
	STD	00050	03.78	34.18	27.18	00.046	1465.7								
	OBS	00051	03.78	34-180	27.18		1465.7								
	STD	00075	03.48	34.27	27.28	00.067	1464.9								
	08\$	00076	03.47	34.270	27.28		1464.9								
	STD	00100	03.28	34.30	27.32	00.087									
	OBS	00100	03.27	34.300	27.32		1464.5								
	STD	00125	03.02	34.31	27.35	00.106	1463.8								
	DBS	00125 00150	03.02	34.316	27.35 27.37	00 124	1463.8								
	STD OBS	00150	02.87 02.86	34.32 34.320	27.38	00.124	1463.6								
	OBS	00177	02.79	34.410	27.46		1463.8								
	OBS	00199	02.67	34.470	27.51		1463.8								
	STO	00200	02.67	34.47	27.51	00.157									
	085	00201	02.68	34.470	27.51		1463.8								
	08.5	00226	02.69	34.460	27.50		1464.3								
	STD	00250	02.70	34.52	27.55	00.186	1464.8								
	085	00253	02.70	34.520	27.55		1464.8								
	OBS	00277	02.71	34.530	27.56		1465.3								
	STD	00300	02.72	34.53	27.56	00.214									
	08.5	00302	02.73	34.530	27.56		1465.8								
	OBS STD	00350	02.96 03.30	34.650 34.67	27.63 27.61	00.268	1467.7								
	OBS	00400	03.31	34.670	27.61	00.200	1470.1								
	OBS	00453	03.70	34.790	27.67		1472.8								
	STD	00500	03.65	34.86	27.71	00.316									
	OBS	00502	03.86	34.860	27.71		1474-4								
	OBS	00552	03.91	34.880	27.72		1475.4								
	STD	00600	03.88	34.89	27.73	00.359	1476 - 1								
	OBS	00601	03.88	34.890	27.73		1476.1								
	OBS	00651	03.84	34.890	27.74		1476.8								
	STD	00700	03.81	34.89	27.74	00.402									
	OBS	00702	03.81	34.890	27.74		1477-5								
	OBS	00751	03.77	34.865	27.72	00 444	1478.1								
	STD OBS	00800 00801	03.72 03.72	34.88 34.880	27.74 27.74	00.446	1478.8								
	OBS	00850	03.67	34.880	27.75		1479.4								
	STD	00900	03.65	34.88	27.75	00.489	1480.1								
	OBS	00902	03.65	34.880	27.75	300.00	1480 -1								
	OBS	00953	03.59	34.880	27.75		1480.8								
	STD	01000	03.56	34.88	27.76	00.533									
	OBS	01001	03.56	34.880	27.76		1481.4								
	085	01020	03.56	34.872	27.75		1481.7								

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID CONSEC LAT LONG			MONT	1974 H 04 25 19•2	BOTDP 04495 SHIP EV DATA USE 1 AREA 05	WET BARO			GT PER 2 5	WIND-DIR WIND-SPD WIND-FOR WEATHER	05	TRACE		00.5	5 2	N SQ 130 SQUARE SQUARE SQUARE	3 60
CAST	TNUN/TI	NE	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NOZ	NO3	\$103	PH	
	19	•2	085	00009	04.86	33.843	26.80		1469-1								
			STD	00010	04.85	33.84	26.80		1469.0								
			OBS	00011	04 - 84	33.837	26.79		1469.0								
			STD	00020	04.83	33.82	26.78		1469.1 1469.1								
			OBS	00020	04.83 04.87	33.820 33.83	26.78 26.78		1469.4								
			OBS	00030	04.87	33.827	26.78		1469.4								
			STD	00050	05.21	33.98 33.980	26.86		1471.3								
			OBS	00051	05.22	33.980	26.86		1471.4								
			OBS OBS	00055	05.25 05.72	33.975 34.120	26.86 26.91		1471.6								
			STO	00075	05.38	34.06	26.90		1472.5								
			OBS	00076	05.37	34.050	26.90		1472.5								
			STD	00100	06.02	34.29	27.01		1475.9								
			085	00100	06.07	34.295	27.01		1476.1								
			OBS OBS	00104	06.31 08.29	34.660	26.99 26.98		1485.5								
			OBS	00123	09.13	34.870	27.02		1489.0								
			STD	00125	05.12	34.86	27.01		1489.0								
			OBS	00125	09.11	34.850	27.00		1489.0								
			STD	00150	09.07 09.05	34.87 34.880	27.03		1489.3 1489.4								
			OBS OBS	00161	08.76	34.865	27.04 27.07		1488.3								
			OBS	00175	08-62	34.877	27.10		1488.0								
			OBS	00190	07.60	34.760	27.16		1484.2								
			STD	00200	07.08	34.67	27-16		1482-2								
			OBS OBS	00201 00205	07.01	34.660 34.660	27.17 27.19		1482.0 1481.5								
			OBS	00209	06.59	34.648	27.22		1480.4								
			OBS	00226	06.64	34.680	27.24		1480.9								
			OBS	00234	06.60	34.680	27.24		1480.9								
			OBS	00241	06.96	34.797	27.29		1482.6								
			085	00243	06.98	34.800 34.860	27.28		1482.7								
			OBS	00250	07-32 07-33	34.87	27.28 27.29		1484.3								
			OBS	00251	07.33	34.876	27.29		1484.3								
			085	00274	07.05	34.870	27.33		1483.6								
			OBS	00279	06.85	34.835	27.33		1482.8								
			STD	00300	06-27 06-17	34.79 34.790	27.37 27.39		1480.8								
			085	00336	06.31	34.874	27.43		1481.7								
			OBS	00342	05.60	34.776	27.44		1478.8								
			OBS	00350	05.36	34.770	27.47		1477.9								
			STD	00400	05-26	34.85	27.55		1478.5								
			OBS OBS	00405 00451	05.25 05.36	34.853	27.55 27.54		1478.5 1479.7								
			STO	00500	05.16	34.86	27.57		1479.7								
			OBS	00512	05.11	34.880	27.59		1479.7								
			OBS	00550	04.97	34.970	27.68		1479.9								
			OBS	00590	05.01	34.970	27.67		1480.7								
			OBS STD	00599	04.45	34.860 34.87	27.65 27.65		1478.4								
			085	00601	04.42	34.890	27.68		1478.4								
			OBS	00652	04.23	34.870	27.68		1478-4								
			OBS	00654	04.25	34.870	27.68		1478.5								
			OBS STD	00685	04.52	34.890	27.66		1480.2								
			OBS	00700	04-48	34.89 34.890	27.67 27.67		1480.3								
			STD	00800	04.34	34.89	27.68		1481.4								
			OBS	00860	04.24	34.880	27.69		1481.9								
			STO	00900	04.16	34.87	27.65		1482.2								
			085	00900	04.16	34.870	27.69		1482.2								
			OBS STD	01000	04.11	34.870 34.86	27.69 27.69		1482.9								
			OBS	01001	04.04	34.860	27.69		1483.4								
			OBS	01016	04.02	34.876	27.70		1483.6								
			085	01022	04.03	34.860	27.69		1483.7								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0056 LAT 45 55.7N LONG 041 44.0W	YEAR MONTH DAY HOUR	1 04 26	BOTDP 04524 SHIP EV DATA USE 1 AREA 05	AIR T WET E BARON CLGUE	SULB 13.8 METR 1024.0	DIR H 24 SEA CL/TR	GT PER 3 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	12	TRACE DURAT		DADER D 00-7	5	N SQ 1: SQUARE SQUARE SQUARE	3 40
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH	
01.1	STD	00000	12.92	35.46 35.460	26.78 26.78	00.000	1501.2								
01.1	STD	00010	12.92	35.46	26.78	00.013	1501.3								
	OBS STD	00011	12.92 12.92	35.46Q 35.46	26.78 26.78	00.026	1501.4								
	OBS STD	00022	12.92	35.46¢ 35.46	26.78 26.78	00.038	1501.6								
	OBS STD	00030	12.92	35.460	26.78 26.79		1501.7								
	OBS	00051	12.90	35.465	26.79		1502.0								
	OBS	00075	12.92	35.47	26.79 26.79		1502.4								
	STD DBS	00100	12.92	35.47 35.47G	26.79 26.79	00.128	1502.8								
	OBS STD	00118	13.44	35.660 35.69	26.83 26.82	00.160	1505-1								
	OBS	00125	13.63	35.696	26.82	001100	1505.9								
	OBS OBS	00129 00146	13.69 13.97	35.710 35.820	26.82 26.84		1506.2 1507.5								
	STD	00150	13.99 14.00	35.82 35.825	26.84 26.84	00.192	1507.6 1507.7								
	08S 08S	00163	12.08	35.300 35.016	26.82		1500.8								
	OBS	00175	10.59	34.990	26.86		1495.4								
	OBS	00182	10.59	35.026 35.18	26.86 26.86	00.255									
	085 085	00205 00226	11.49	35.220 35.340	26.87 26.99		1499.3								
	STD	00250	11.03	35.28 35.16	27.01 27.04	00.314 00.369	1498.5								
	OBS	00357	09.41	35.010	27.08	00.307	1494.1								
	08\$ 08\$	00359	09.31	34.995 34.860	27.08		1453.8								
	OBS OBS	00373	07.21 06.78	34.603	27.10 27.10		1485.5								
	OBS STD	00382	06.60	34.620	27.20 27.22	00.470	1483.3								
	OBS	00403	06.67	34.667	27.22	00.470	1483.9								
	085 085	00409	06.53 05.67	34.64C 34.47u	27.22 27.20		1483.4								
	08 S	00418	05.51 05.50	34.460	27.21 27.27		1479.3								
	STD	00500	05.26	34.67 34.670	27.40	00.553									
	OBS OBS	00504	05.24 05.11	34.645	27.41 27.40		1479.3								
	OBS OBS	00519	05.24	34.670	27.41		1480.1								
	OBS OBS	00531	05.81	34.800 34.880	27.44		1482.8								
	OB\$	00567	06.05	34.845	27.44	00 434	1484.4								
	OBS	00600	06.04	34.87 34.870	27.46 27.47	00.626	1485.0 1485.2								
	08\$ 08\$	00651	05.47 05.54	34.870	27.54 27.59		1483.5								
	OBS STD	00662	05.63	34.997 34.97	27.59 27.60	00.692	1485.3								
	OBS	00700	05.63	34.970	27.60	000072	1485 -1								
	OBS STD	00751	05.44	35.005 35.00	27.65 27.67	00.748									
	08S 08S	00801	05.22 05.13	35.000 34.990	27.67 27.67		1485.1								
	STD	00900	04.56	34.89 34.884	27.66	00.801	1483.9								
	OBS	00927	04.52	34.880	27.66		1484.2								
	OBS STD	01000	04.50	34.880 34.87	27.66 27.67	00.855	1484.6								
	OBS OBS	01001	04.29 04.23	34.860	27.67 27.67		1484.5								
	OBS	01020	04.25	34.86U	27.67		1484.6								
					****	*******	•								
REFID 31 8370 CONSEC 0057		1974 H 04	BOTOP 00078 SHIP EV		TEMP 01.9 BULB 01.3		IGT PER	WIND-DIE			STO REC	ORDER		EN SQ 1	
LAT 46 38 5N LONG 048 44 89	DAY	29	DATA USE 1 AREA 05	BARC	METR 1026.4		R	WIND-FOR			011 547	00.1		SQUARE	
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	NO2	NG3	\$103	PH	
05.0	STD OBS	00000	00.08	32.81	26.36 26.36	00.000	1446.6								
03.0	STD DBS	00010	00.09	32.81	26.36 26.36	00.017	1446.8								
	085	00019	00.09	32.810	26.35		1446.4								
	STD	00020	- 0.12 - 0.18	32.86	26.41 26.45		1446 • 1 1445 • 9								
	STO	00030	- 0.36 - 0.37	32.91	26.46 26.46	00.049	1445.2 1445.2								
	OBS	00045	- 0.90	32.930	26.50		1443.0								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 CONSEC LAT 46 LONG 048	8370 0058 35.0N 26.0M	YEAR MONTH DAY HOUR	29	BOTDP 00095 SHIP EV OATA USE 1 AREA 05	AIR T WET B BARON CLGUC	SUL8 01.3 SETR 1028.1	DIR HO OO (SEA CL/TR	GT PER	WIND-DIR WIND-SPD WIND-FOR WEATHER	12	TRACE DURATI		RDER D 00-1	5 S 2 S	SQ 130 QUARE QUARE 6 QUARE 6	8
CASTNUM	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P0 4	TOT P	NO2	NO3 :	\$103	PH	
	07.3	STD OBS STD OBS STO OBS STD OBS STD OBS STD OBS OBS OBS OBS	00000 00001 00010 00011 00020 00020 00030 00030 00050 00051 00075 00076 00081	- 0.37 - 0.37 - 0.37 - 0.38 - 0.39 - 0.52 - 0.53 - 0.76 - 1.38 - 1.39 - 1.41	32.93 32.93 32.93 32.93 32.93 32.93 32.93 32.93 32.93 32.94 32.94 33.11 33.14 33.14 33.140	26.48 26.48 26.48 26.48 26.48 26.48 26.48 26.49 26.50 26.65 26.66 26.66	00.000 00.016 00.031 00.047 00.078 00.115	1444.7 1444.7 1444.5 1444.9 1445.0 1445.0 1444.5 1443.8 1441.5 1441.5 1441.5								
REFID 31 CONSEC LAT 46 LONG 048	8370 0059 31.0N 14.8W	YEAR MONTH DAY HOUR	29	BOTDP CO101 SHIP EV DATA USE 1 AREA 05			DIR F OO SEA CL/TF		WIND-DIR WIND-SPO WIND-FOR WEATHER	12	TRACE DURAT		00.1	5	N SQ 13 SQUARE SQUARE SQUARE	68
CASTNUM/	TIME	LVLTYP	DEPTH	TEMP	ŞAL	SIGMA-T	DYNDPTH	SND VEL	DXY G	P0 4	TOT P	NO2	NO3	\$103	РН	
	08.4	STD OBS STD OBS STD OBS	00000 00001 00010 00010 00020 00030 00030 00031 00045 00045 00051 00075 00076 00081	- 0.37 - 0.37 - 0.37 - 0.36 - 0.36 - 0.37 - 0.37 - 0.37 - 0.55 - 0.89 - 0.94 - 1.19 - 1.46 - 1.46 - 1.46	33.04 33.04 33.04 33.04 33.04 33.05 33.05 33.05 33.05 33.04 33.04 33.04 33.04 33.04 33.04 33.04 33.05 33.05 33.05 33.05	26.56 26.56 26.56 26.56 26.56 26.57 26.57 26.57 26.57 26.58 26.58 26.60 26.60 26.60 26.69 26.76	00.074	1444.9 1445.0 1445.1 1445.2 1445.3 1445.4 1445.4 1445.4 1445.4 1446.7 1443.2 1441.9 1441.2 1441.2								
	0060 28.0N	YEAR MONTH DAY HOUR	1 04 29	BOTOP 00115 SHIP EV DATA USE 1 AREA 05	WET BARO	TEMP 50.1 BULB 50.3 METR 1028.8 D T/A	DIR I OO SEA CL/TI		WIND-DIA WIND-SPE WIND-FOR WEATHER	12	TRAC E	STD REC DIR ION Oli 550	00.1	5	N SQ 1: SQUARE SQUARE SQUARE	68
CASTNUM	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXY G	P04	TOT P	NO2	NO3	\$103	РН	
	10.0	STD OBS OBS OBS OBS	00000 00001 00010 00011 00020 00020 00030 00030 00051 00066 00075 00076 00076 00100 00100	- 0.50 - 0.50 - 0.51 - 0.51 - 0.51 - 0.52 - 0.53 - 0.58 - 0.79 - 0.81 - 0.79 - 1.06 - 1.08 - 1.53 - 1.41 - 1.40 - 1.39	33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.05 33.09 33.09 33.09 33.09 33.08 33.08 33.08 33.08 33.08 33.08 33.08 33.08 33.08 33.08 33.08 33.08 33.08 33.08 33.09 33.00 30 30 30 30 30 30 30 30 30 30 30 30 3	26.59 26.59 26.59 26.59 26.59 26.59 26.55 26.62 26.62 26.62 26.62 26.66	00.015 0C.029 00.044 00.073	1444.3 1444.4 1444.6 1444.6 1444.7 1444.7 1443.7 1443.7 1443.2 1443.0 1442.9 1441.2 1442.0 1442.0								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0061 LAT 46 23.0N LONG 047 46.5W	MONTH 04 DAY 29	BOTOP 00137 SHIP EV DATA USE I AREA 05	BARO		00	GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	09	TRACI DURA		00.1	5 2	N SQ 13 SQUARE SQUARE SQUARE	4 66
CASTNUM/TIME	LVLTYP DEPT	H TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXY G	P04	TOT P	N02	NO3	\$103	PH	
	STD 0000	0 - 0.42	33.09	26.61	00 000									
11.1	OBS 0000		33.090	20.61	00.000	1444.7								
	STD 0001		33.07	26.55	00 014	1444.7								
	OBS 0001		33.074	26.59	00.014	1444.7								
	STD 0002		33.07	26.60	00 000	1444.6								
	OBS 0002		33.070		00.029	1444.3								
	STD 0003		33.09	26.60	00 010	1444.3								
	OBS 0003		33.090	26.62	00.043	1443.8								
	OBS 0004		33.060	26.62 26.60		1443.8								
	STD 0005		33.06	26.60		1443.3								
	DBS 0005		33.077		00.072	1443.3								
	OBS 0005		33.090	26.61 26.63		1443-2								
	OBS 0006		33.095			1442.6								
	STD 0007		33.13	26.65		1440.3								
	OBS 0007		33.145	26.68	00.107	1440-1								
	OBS 0008		33.255	26.69		1440 -1								
	STD 0010		33.28	26.78		1440.1								
	DBS 0010		33.280	26.80	00.140	1441.1								
	OBS 0011			26.80		1441.1								
	STD 0012		33.430	26.92		1442.4								
	OBS 0012		33.44	26.91	00.170	1443.9								
	OBS 0013			26.91		1444.0								
	0013	- 0.91	33.495	26.95		1444.9								
				*****	*******									

REFID 31 8370	YEAR	1974	BOTOP 00219	AIR	TEMP 02.2	D							
CONSEC 0062	MONTH		SHIP EV	WET			IGT PER	MIND-DIR				CORDER	TEN SQ 1306
LAT 46 20.5N	DAY	29	DATA USE		METR 1027.8	00	0 X	WIND-SPD		TRACI		D	5 SQUARE 4
LONG 047 31.0W	HOUR		AREA 05	CLOU	D T/A			WIND-FOR		DURA		00.2	2 SQUARE 66
					J 17A	CL/TR		WEATHER	X4	DRIG	011 55	20016	1 SQUARE 67
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXYG	P04	TOT P	NO2	NO3	\$103 PH
	STD	00000	- 0.94	33.07	26.61	00.000	1442.3						
12.4	OBS	00001	- 0.94	33.070	26.61	00.000							
	OBS	00007	- C. 53	33.067	26.61		1442.3						
	STD	00010	- 0.95	33.07	26.61	00.014	1442.4						
	OBS	00011	- 0.96	33.070	26.61	00.014	1442.4						
	STD	00020	- C.98	33.07	26.61	00.029	1442.4						
	OBS	00020	- C.99	33.070	26.61	00.029	1442.4						
	STD	00030	- 1.07	33.08	26.62	00.043	1442.1						
	085	00030	- 1.08	33.080	26.62	00.043	1442.1						
	08\$	00040	- 1.24	33.090	26.64		1441.5						
	STD	00050	- 1.71	33.14	26.69	00.071	1439.6						
	QBS	00051	- 1.75	33.150	26.70	001011	1439.4						
	STO	00075	- 1.65	33.29	26.81	00.103	1440.5						
		00076	- 1.64	33.300	26.82	000103	1440.5						
	STD	00100	- 1.45	33.42	26.91	00.133	1442.0						
	OBS	00100	- 1.44	33.420	26.91	000133	1442.1						
		00125	- 1.17	33.49	26.96	00.161	1443.8						
		00125	- 1.16	33.495	26.96	000101	1443.9						
		00150	- 0.54	33.64	27.06	00.188	1447.4						
		00150	- 0.53	33.643	27.06	*******	1447.4						
		00177	- 0.49	33.650	27.06		1448.1						
		00200	- 0.49	33.65	27.06	00.238	1448.5						
		00201	- 0.49	33.650	27.06		1448.5						
	OB\$	00215	- 0.49	33.636	27.05		1448.7						

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSEC LAT LONG	46	8370 0063 12.0N 08.5W	MONT	1974 H 04 29 14.5	BOTOP 01156 SHIP EV DATA USE 1 AREA 05	WET BAKO	TEMP 01.1 BULB 00.8 METR 1027.6 D T/A		GT PER 0 4	WIND-DIR WIND-SPD WIND-FOR WEATHER		TR AC E	DIR	ECORDER D 00.3 530011	5 2	N SQ 1306 SQUARE 4 SQUARE 66 SQUARE 67
CAST	NUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DXY G	P04	TOT P	NO2	NO3	\$103	PH
			STD	00000	- 0.62	33.09	26.61	00.000	1443.8							
		14.5	085	00003	- 0.62	33.087	26.61		1443.8							
			STD	00010	- 0.63	33.08	26.61	00.014	1443.9							
			OBS OBS	00011	- 0.66 - 0.80	33.080	26.60		1443.8							
			STD	00020	- 0.95	33.06	26.61	00.029	1442.5							
			OBS	00020	- C.98	33.065	26.61	00.027	1442.4							
			STD	00030	- 1.23	33.08	26.62	00.043	1441.4							
			OBS	00030	- 1.24	33.080	26.63		1441.4							
			OBS	00049	- 1.58	33.306	26.81		1440-4							
			STD	00050	- 1.58	33.29	26.81	00.070	1440 - 4							
			OBS	00051	- 1.57	33.280	26.80 26.96		1440.4							
			OBS STD	00075	- 1.22 - 0.71	33.490 33.73	27.14	00.097								
			OBS	00076	- 0.66	33.750	27.15	001071	1445.8							
			085	00087	- 0.01	33.930	27.26		1449.2							
			OBS	00093	00.99	33.975	27.24		1453.9							
			08 S	00097	00.69	33.975	27-26		1452-6							
			STD	00100	00.99	34.06	27.31	00.118								
			OBS	00102	01-19	34.105	27.34		1455 -1							
			OBS OBS	00106	01.32 01.91	34.107 34.175	27.33 27.34		1455.8							
			OBS	00119	01.97	34.180	27.34		1459.0							
			085	00123	01.52	34-155	27.35		1457.0							
			STD	00125	01.43	34.18	27.38	00.137	1456.7							
			OBS	00125	01.39	34-190	27.39		1456.5							
			STD	00150	01.51	34.30	27.47	00.154	1457.6							
			OBS	00150	01.51	34.300	27.47		1457.6							
			OBS STD	00175 00200	01.77 02.05	34.426	27.55 27.56	00.183	1459.3							
			OBS	00201	02.07	34.470	27.56	00.103	1461.2							
			OBS	00226	C2.30	34.530	27.59		1462.7							
			STD	00250	02.36	34.53	27.59	00.210								
			OBS	00253	02.39	34.530	27.59		1463.5							
			OBS	00279	02.93	34.660	27.64		1466.5							
			STD	00300	03.06	34.67	27-64	00.235	1467.4							
			OBS OBS	00300	03.07	34.670	27.64		1467.4							
			STD	00400	03.45 03.80	34.790 34.85	27.70 27.71	00.281	1472.4							
			OBS	00401	03.81	34.850	27.71	000202	1472.5							
			OBS	00451	03.82	34.865	27.72		1473.4							
			STD	00500	03.90	34.86	27.71	00.325	1474.5							
			OBS	00502	03.90	34.866	27.71		1474.5							
			OBS	00550	03-91	34.870	27.71		1475.4							
			STD	00400	03.91	34.87	27.71	00.369	1476.2							
			OBS OBS	00603 00651	03.91 03.86	34.870 34.870	27.71 27.72		1476.3							
			STD	00700	03.86	34.87	27.72	00.414								
			CBS	00700	03.86	34.870	27.72		1477.7							
			OBS	00750	03.81	34.876	27.72		1478.3							
			STO	00800	03.73	34.87	27.73	00-459	1478.8							
			OBS	00801	03.73	34.870	27.73		1478.8							
			OBS	00850	03.70	34.860	27.73		1479.5							
			STD	00900	03.66	34.86	27.73	00.504	1480.1							
			OBS OBS	00900 00951	03.66 03.65	34.860	27.73 27.72		1480.1							
			STD	01000	03.70	34.86	27.73	00.550								
			085	01001	03.70	34.860	27.73	30.330	1482.0							
			OBS		03.66	34.853	27.73		1482-2							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSEC LAT LONG	46	8370 0064 06.7N 51.7W	MONT	1974 H 04 29 17.2	ACTOP 01410 SHIP EV DATA USE 1 AREA 05	WET BARD		00		WIND-DIR WIND-SPD WIND-FOR WEATHER	08	DUR	CE DIR ATION	RECORDER 0 00.5 5540008	5	N SQ 1306 SQUARE 4 SQUARE 66 SQUARE 66
CAST	TNUH/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TCT (P NO.	2 NO3	2103	PH
		17.2	STD	00000	01.02	33.27 33.274	26.68 26.68	00.000	1451.5							
			OBS STD	00005	01.03	33.270 33.28	26.68	00.014	1451.7							
			OBS	00013	01.00	33.285	26.69	008024	1451.7							
			STD	00020	00.98	33.30	26.70	00.027	1451.7							
			08 S 08 S	00020	00.96 00.91	33.300 33.290	26.70		1451.6							
			STD	00030	02.18	33.56	26.70 26.83	00.040	1451.4							
			OBS	00032	02.45	33.620	26.85	******	1458.9							
			OBS OBS	00045	02-48	33.640	26.87		1459.3							
			STD	00050	02.10	33.600 33.70	26.87 26.96	00.064	1457 6							
			085	00051	01.51	33.750	27.00	00.004	1457.c - 157.0							
			OBS	00064	01.78	33.757	27.02		1456.7							
			08S 08S	00070	01.76	33.960	27.18		1456.9							
			STD	00075	02.11	34.085 34.09	27.25 27.24	00.088	1458.7							
			280	00089	03.13	34.200	27.26	00.000	1459.7 1463.6							
			OBS	00097	03.32	34.310	27.33		1464.6							
			STD	00100	03.50 03.75	34.36	27.35	00.108	1465.5							
			STD	00125	03.97	34.420 34.51	27.37 27.42	00.126	1466.7 1468.1							
			085	00127	04.00	34.510	27.42	00.120	1468.3							
			OBS	00137	03.91	34.490	27.41		1468.0							
			OBS STD	00140	04-24	34-620	27.48		1469.7							
			OBS	00150	04.08	34.60 34.60¢	27.48 27.48	00.142	1469.2 1469.1							
			OBS	00152	04.29	34.620	27.48		1470.1							
			OBS	00169	04.30	34.645	27.49		1470-4							
			OBS OBS	00184	04.67	34.715	27.51		1472.3							
			STD	00200	04.75	34.750 34.80	27.55 27.57	00.171	1472.0							
			OBS	00201	04.79	34.810	27.57	000111	1473.2							
			OBS OBS	00218	04.67	34.815	27.59		1473.0							
			STO	00226	04.77 04.56	34.820 34.88	27.58 27.60	00 100	1473.6							
			085	00251	04.97	34.880	27.60	00.198	1474.8							
			OBS	00276	04.99	34.870	27.59		1475.3							
			STD DBS	00300	04.93	34-88	27.61	00.225	1475.5							
			OBS	00316	04.92 04.77	34.880 34.875	27.61 27.62		1475.5							
			OBS	00325	04.22	34.805	27.63		1475.1							
			OBS OBS	00329	04.06	34.810	27.65		1472.3							
			085	00335	04.24	34.820 34.820	27.64 27.67		1473.1							
			085	00352	03.57	34.810	27.66		1471.9							
			STD	00400	04-17	34.87	27.69	00.274	1474.0							
			OBS OBS	00403	04.18	34.870	27.69		1474.1							
			STD	00500	04.27 04.40	34.860 34.89	27.67 27.68	00.321	1475.2							
			085	00500	04.40	34.890	27.68	00.321	1476.6							
			OBS STD	00550	04.31	34.880	27.68		1477.1							
			OBS	00600	04.25 04.16	34.89 34.890	27.69	00.368								
			OBS	00651	04.07	34.880	27.70 27.70		1477.8							
			STD	00700	04.04	34.87	27.70	00.416								
			08S 08S	00700 00750	04.04 03.97	34.870	27.70		1478-4							
			STD	00800	03.78	34.880 34.88	27.72 27.74	00.461	1479.0 1479.0							
			OBS	00803	03.77	34.880	27.74	000401	1479.0							
			OBS STD	00850	03.77	34.880	27.74		1479.8							
			OBS	00900	03.79	34.88 34.880	27.73	00.506	1480.7							
			OBS	00951	03.63	34.850	27.73 27.73		1480.7							
			STD	01000	03.65	34.86	27.73	00.552								
			08S	01001	03.65	34.860	27.73		1481.8							
			-30	-1026	03.62	34.850	27.73		1482.0							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 006: LAT 45 58.00 LONG 046 24.00	MONT N DAY	1974 H 04 29 1 20-5	BOTDP 00679 SHIP EV DATA USE 1 AREA 05	WET (00	GT PER 0 X	WIND-DIR WIND-SPD WIND-FOR WEATHER	08	TRAC DURA	E DIR	CORDER 0 00.3 550008	5 2	N SQ 1 SQUARE SQUARE SQUARE	46
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH	
	670	00000	00.62	33.15	26.60	00.000	1449.6								
20 5	STD OBS	00000	00.62	33.150	26.60		1449.6								
20.5	085	00007	00.67	33.274	26.70		1450.1								
	STD	00010	01.17	33.41	26.78	00.014	1452.6								
	085	00011	01.48	33.480	26.82		1454-1								
	OBS	00017	02.93	33.620	26.81		1460.7								
	STO	00020	03.02	33.62	26.81	00.026	1461.2								
	OBS	00020	03.04	33.620	26.80		1461-2								
	STD	00030	02.92	33.63	26.82	00.039	1460.9								
	OBS	00032	02.89	33.640	26.83		1460.8								
	STD	00050	02.60	33.72	26-92	00.062	1460.0								
	OBS	00051	02.57	33.736	26.93		1459.9								
	OBS	00059	02.41	33.770	26.98		1459.3								
	OBS	00060	02.15	33.745	26.98		1458.2								
	OBS	00068	00.64	33.630	26.99		1451.4								
	OBS	00070	- 0.38	33.730	27-12		1446.9								
	OBS	00074	- 0.26	33.930	27.28		1447.8								
	STD	00075	00.33	33.97	27.28	00.087	1450.6								
	OBS	00078	02.05	34.105	27.27		1458.5								
	OBS	00085	02.90	34.235	27.31		1462.5								
	OBS	00087	03.46	34.290	27.30		1465.1								
	STD	00100	03.76	34.37	27.33	00.106	1466.6								
	STD	00125	04.20	34.48	27.37	00.125	1469.1								
	OBS	00125	04.21	34.482	27.37		1469-1								
	STO	00150	04.43	34.53	27.39	00.143									
	OBS	00150	04.43	34.534	27.39		1470.5								
	OBS	00175	04.56	34.680	27.49		1471.6								
	STO	00200	04.61	34.67	27.48	00.177	1472.3								
	OBS	00201	04-61	34.670	27.48		1472.3								
	OBS	00226	04.59	34.785	27.57		1472.8								
	STD	00250	04.61	34.79	27.56	00.206									
	085	00253	04.62	34.800	27.58		1473 - 3								
	OBS	00276	04.68	34.867	27.63		1474.1								
	STD	00300	04.73	34.88	27.63	00.232									
	OBS	00300	04.73	34.880	27.63		1474.7								
	STD	00400	04.53	34.88	27.66	00.282									
	OBS	00411	04.50	34.880	27.66		1475.6								
	STD	00500	04.22	34.89	27.70	00.329	1475.9								
	085	00500		34.890	27.70		1475.9								
	085	00550		34-890	27.70		1476.5								
	STD	00600	03.99	34.87	27.71	00.375									
	OBS	00601		34-870	27.71		1476.6								
	OBS	00651	03.94	34.870	27.71		1477.2								
	OBS	00677	03.95	34.860	27.70		1477.6								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

	1 8370 0066 5 49.0N 5 57.3W	MONT	1974 H 04 29 23.3	BOTDP 03193 SHIP EV DATA USE II AREA 05	WET BARC		DIR H OO SEA CL/TR		WINO-DIR WIND-SPD WIND-FOR WEATHER		TRAC	E DIR	ECORDER D 00.3	5 2	N SQ 1: SQUARE SQUARE SQUARE	44
CASTNUI	M/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH	
		STO	00000	03.50	33.76	26.83	00.000	1464.8								
	23.3	OBS	00000	03.90	33.760	26.83		1464.8								
		STD	00010	03.89	33.76	26.83	00.012	1464.9								
		OBS	00011	03.88	33.760	26.84		1464.9								
		08 S	00015	03.86	33.750	26.83		1464.8								
		STD	00020	03.83	33.76	26.84	00.024	1464.8								
		OBS	00020	03.82	33.760	26.84		1464.8								
		STO	00030	03.71	33.77	20.80	00.037	1464.5								
		OBS STD	00030	03.70	33.770	26.86		1464.4								
		OBS	00051	03.45	33.83	26.93	00.060	1463.7								
		OBS	00064	03.13	33.830 33.845	26.94		1463.7								
		STD	00075	03.05	33.94	26.97 27.06	00.087	1462-7								
		085	00076	03.04	33.955	27.07	00.001	1462.6								
		OBS	00089	03.36	34.087	27.15		1464-4								
		OBS	00093	03.67	34-145	27.16		1465.8								
		STD	00100	03.56	34.16	27.18	00.111									
		OBS	00100	03.55	34.163	27.19		1405.5								
		STD	00125	04.06	34.32	27.26	00.132									
		OBS	00125	04.07	34.322	27.26		1468.3								
		OBS	00131	03.95	34.310	27.26		1467.9								
		OBS	00135	04.18	34.366	27.28		1469.0								
		STD	00150	04.64	34.47	27.32	00.153	1471.3								
		085	00152	04.68	34.482	27.32		1471.5								
		085	00175	04.65	34-520	27.36		1471.8								
		STD OBS	00200	05.06	34.06	27-42	00.190	1474-1								
		085	00201	05.09 05.38	34.665	27.42		1474.3								
		STD	00250	05.33	34.777 34.81	27.47	00 000	1470.0								
		085	00251	05.33	34.816	27.51 27.51	00.222	1476.2								
		OBS	00276	05.27	34.800	27.51		1476.4								
		STD	00300	05.19	34.88	27.58	00.252									
		OBS	00300	05.19	34.886	27.58	00.272	1476.6								
		OBS	00323	04.99	34.855	27.58		1476.1								
		DB S	00350	05.33	34.976	27.63		1478.1								
		STD	00400	05.13	34.99	27.07	00.304	1478.1								
		OBS	00401	05.13	34.990	27.67		1476.1								
		085	00420	05.11	34.990	27.68		1478.4								
		OBS	00458	04.52	34.880	27.66		1476.4								
		\$TD	00500	04.34	34.89	27.66	00.351	1476.4								
		OBS	00500	04.34	34.890	27.68		1476.4								
		OBS	00550	04.12	34.876	27.69		1476.3								
		STD OBS	00600	04.22	34.87	27.68	00.399	1477.5								
		085	00601	04.22	34.870	27.68		1477.5								
		STD	00652	04.16 04.11	34.870 34.87	27.69 2 7. 69	00.447	1478-1								
		CBS	00700	04.11	34.870	27.65	30.777	1478.7								
		OBS	00750	04-01	34.866	27.70		1479.1								
		STO	00800	04.02	34.67	27.7C	00.495	1480.0								
		STD	00900	04.03	34.88	27.71	00.543	1481.7								
		085	00978	04.04	34.880	27.71	300373	1483.1								
		STD	01000	04.00	34.88	27.71	00.592									
		DBS	01001	C4.00	34.880	27.71		1463.3								
		CBS	01024	04.00	34.884	27.71		1483.7								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

CONSEC LAT 4	31 8370 0067 5 39.2N 5 26.0W	MONT	1974 H 04 30 02-7	BOTOP 03563 SHIP EV DATA USE 1 AREA 05	BARG	TEMP 04.1 BULB 03.9 METR 1024.2 D T/A	00	GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER		TRACE DURAT		00.4	5 2	N SQ 130 SQUARE SQUARE 4 SQUARE 5
CASTNU	JM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	РН
		STD	00000	03.50	33.83	26.93	CO.000	1463-2							
	02.7	OBS STD	00003	03.50 03.50	33.830	26.93 26.93	00.011	1463.2 1463.3							
		085	00011	03.52	33.840	26.93	00.011	1463.4							
		STD	00020	03.71	33.96	27.01	00.022	1464.6							
		OBS	00020	03.77	33.980	27.02		1464.9							
		STD	00030	04.76	34.32	27.19	00.032	1469.6							
		OBS OBS	00032	05.24 05.69	34.395 34.450	27.19 27.18		1471.7 1473.7							
		085	00040	05.72	34.460	27.18		1473.9							
		085	00045	04.56	34.280	27.18		1469.0							
		OBS	00049	04.73	34.325	27.19		1469.8							
		STD OBS	00050 00059	04.73 04.70	34.32	27.19	00.050	1469.8							
		OBS	00060	04.67	34.300 34.300	27.18 27.18		1469.8							
		OBS	00062	04.75	34.317	27.18		1470.1							
		OBS	00070	04.69	34.305	27.18		1470.0							
		STD	00075	04.03	34.20	27.17	00.073	1467.2							
		OBS OBS	00076	03.89 03.22	34.180 34.115	27.17 27.18		1466.5							
		DBS	00083	03.18	34.115	27.18		1463.6							
		OBS	00089	02.63	34.075	27.20		1461.2							
		OBS	00093	03.02	34.180	27.25		1463.1							
		CBS	00097	02.91	34.18ú	27.26		1462.7							
		STD	00100	02-62	34.18	27.29	00.094	1461.5							
		CBS CBS	00100	02.59 02.80	34.186 34.190	27.29 27.28		1461.4							
		085	00118	02.50	34.180	27.30		1461.3							
		STD	00125	02.73	34.29	27.37	00.113	1462.5							
		085	00125	02.75	34.300	27.37		1462.6							
		085	00142	03.69	34.555	27.49		1467.3							
		OBS STD	00148 00150	04.97 05.05	34.725 34.74	27.48 27.48	00.130	1473.0							
		085	00152	05.17	34.760	27.49	000130	1473.9							
		OBS	00175	05.42	34.810	27.50		1475.4							
		OBS	00196	05.44	34-850	27.53		1475.8							
		GBS STD	00199	05.04 05.05	34.780 34.78	27.52		1474.2							
		085	00201	05.13	34.820	27.52 27.54	00.161	1474.6							
		OBS	00215	04.49	34.750	27.56		1472-1							
		OBS	00220	03.84	34.670	27.56		1469.4							
		OBS	00226	03.75	34.684	27.58		1469.1							
		STD	00250 00255	03.69	34.66 34.660	27.57 27.57	00.189	1469.2 1469.2							
		OBS	00270	03.55	34.670	27.59		1469.0							
		OBS	00274	03.63	34.670	27.58		1469.4							
		OBS	00285	04.84	34.860	27.60		1474.9							
		STD OBS	00300	05-13	34.96	27.65	00.215	1476.4							
		CBS	00350	05.19 05.11	34.980 34.990	27.66 27.68		1476.8							
		STD	00400	04.93	34.99	27.70	00.263	1477.3							
		OBS	00401	04.92	34.990	27.70		1477.3							
		085	00437	04.72	34.964	27.70		1477.0							
		OBS OBS	00445 00451	04.11 03.90	34.85G	27.70		1474.5							
		STD	00500	04.06	34.86	27.70 27.69	00.308	1473.7 1475.2							
		OBS	00550	04.18	34.87G	27.69	000500	1476.5							
		STD	00600	04.20	34.87	27.68	00.355	1477.4							
		STO	00700	04-24	34.87	27.68	00.404	1479.2							
		OBS OBS	00706 00753	04.24 04.01	34.870 34.870	27.68 27.70		1479.4							
		STD	00800	03.85	34.85	27.70	00.452	1479.2							
		085	00803	03.84	34.850	27.71	000.72	1479.3							
		OBS	00843	04.08	34.875	27.70		1481.0							
		OBS	00850	04.04	34.876	27.70	00 000	1480-9							
		STD	00900	04.07 04.07	34.89 34.890	27.71 27.71	00.500	1481.9 1482.0							
		OBS	00953	04.02	34.875	27.71		1482.6							
		STD	01000	03.93	34.87	27.71	00.548	1483.0							
		OBS	01001	03.93	34.870	27.71		1483.0							
		OBS	01022	03.96	34.870	27.71		1483.4							

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID 31 8370 CONSEC 0068 LAT 45 31.0N LONG 044 54.3W	DAY	1974 H 04 30 05.8	BOTDP 04204 SHIP EV DATA USE I AREA 05	AIR WET I BARDI CLGU	BULB 03.8 METR 1022.8		GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER		TRACE		ORDER D 00.5	5	N SQ 1306 SQUARE 3 SQUARE 44 SQUARE 54
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIG MA-T	DYNDPTH	SAD VEL	DXY G	P04	TOT P	NO2	NO3	\$103	РН
05.8	STD	00000	04.09	33.50 33.497	26.60 26.60	00.000	1465.2 1465.3							
•	STD	00010	04.09	33.61	26.69	00.014	1465.5							
	OBS STD	00013	04.10 04.14	33.640 33.65	26.72 26.72	00.027	1465.7							
	085	00022	04.15	33.654	26.72		1466.0							
	OBS	00024	04.09	33.630 33.760	26.71 26.77		1465.8 1467.7							
	STD	00030	04.60	33.76	26.76	00.041	1468.2							
	OBS STD	00030	04.61	33.760 33.83	26.76 26.85	00.066	1468.2 1467.3							
	OBS	00051	04.25	33.840	26.86	000000	1467.2							
	OBS OBS	00057	04.11	33.827 33.840	26.86 26.87		1466.7 1467.1							
	OBS	00062	04.20	33.835	26.86		1467.2							
	OBS OBS	00064	04.09 03.85	33.830 33.800	26.87 26.87		1466.7 1465.7							
	OBS	00072	03.91	33.840	26.90		1466.1							
	STD OBS	00075	04.22	33.90 33.96 <i>3</i>	26.91 26.93	00.095	1467.6							
	OBS	00087	04.06	33.960	26.98		1467.1							
	OBS STD	00089	04.07	34.017 34.17	27.02 27.05	00.123	1467.3							
	OBS	00100	04.98	34.187	27.06	00.123	1471.5							
	STD OBS	00125 00125	05.83 05.84	34.47 34.470	27.17 27.18	00.147	1475.7 1475.8							
	STD	00150	05.83	34.51	27.21	OC.170	1476.2							
	OBS OBS	00150	05.83 05.63	34.510 34.525	27.21 27.25		1476.2 1475.8							
	085	00194	05.64	34.535	27.25		1476.2							
	ST D OBS	00200	05.35	34.52 34.526	27.28 27.28	00.213	1475 - 1							
	OBS	00215	04.84	34.530	27.34		1474.8							
	OBS OBS	00220 00226	04.93	34.520 34.526	27.32		1473.7							
	STD	00250	04.73	34.63	27.43	00.251	1473.4							
	OBS OBS	00253 00277	04.72 05.03	34.640 34.673	27.44		1473.5							
	OBS	00281	04-41	34.593	27.43 27.44		1475.3 1472.7							
	OBS OBS	00287	04.59	34.650 34.655	27-47		1473.6							
	STD	00300	05.01	34.80	27.51 27.54	00.282	1472.3 1475.7							
	OBS OBS	00300	05.06 05.01	34.810 34.797	27.54		1476.0							
	OBS	00316	04.04	34.660	27.53 27.53		1475.9 1471.8							
	OBS OBS	00319	04.16	34.660 34.660	27.52 27.54		1472.3							
	085	00329	04-00	34.680	27.55		1471.8							
	OBS OBS	00333	04.52	34.800 34.805	27.59 27.59		1474.2 1474.5							
	OB \$	00342	03.96	34.730	27.60		1472.0							
	08S 08S	00344	04.40	34.790 34.827	27.60 27.60		1473.9							
	085	00354	04.77	34.870	27.62		1475.7							
	08\$ 08\$	00369 00382	03.18	34.645 34.657	27.61 27.62		1469.0 1469.2							
	OBS	00388	02.84	34.646	27.63		1467.8							
	STD OBS	00400	03.06	34.66 34.660	27.63 27.63	00.337	1469.0 1469.1							
	OBS	00453	03.16	34.680	27.64		1470.3							
	OBS OBS	00454	03.20	34.675	27.63 27.68		1470.5 1473.1							
	OBS	00470	03.75	34.800	27.67		1473.3							
	OBS	00500	04.35	34.86	27.66 27.66	00.387	1476.4							
	OBS	00550	04.29	34.860	27.67		1477.0							
	STD OBS	00600	04.18	34.88 34.890	27.69 27.70	00.435	1477.4							
	OBS	00651	04.15	34.870	27.69		1478.1							
	OBS	00700 00706	04.12 04.11	34.89 34.890	27.71 27.71	00.482	1478.8							
	OBS STD	00750	04.02	34.880	27.71	00 536	1479.2							
	OBS	00801	03.93	34.86 34.860	27.70 27.70	00.529	1479.6							
	OBS OBS	00809	04.04	34.880	27.71		1480.2							
	STD	00900	03.79	34.88	27.74 27.73	00.576	1480.2							
	OBS OBS	00900	03.79	34.877	27.73 27.74		1480.7							
	085	00999	03.70	34.877	27.74		1481-4							
	STD	01000	03.70	34.88	27.74	00.621	1482.0							
				_ ,	4.4.7		. 702 10							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

CASTN		HOUR	30	SHIP EV DATA USE I AREA 05	WET E BARON CLGUE	ETR 1002.0	35 SEA CL/TF	2 3	WIND-SPD WIND-FOR WEATHER		DURA	E DIR TION 011 559	00.4	2	N SQ 1306 SQUARE 3 SQUARE 44 SQUARE 54
	UM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
	08.3	STO	00000	13.29	35.55	26.78	00.000	1502.5							
	08.3	STD	00010	13.29	35.550 35.55	26.78 26.77	00.013	1502.6							
		OBS	00011	13.33	35.560	26.78	001013	1502.9							
		STD	00020	13.42	35.66	26.84	00.025	1503.4							
		OBS	00020	13.44	35.676	26.84		1503.5							
		STD	00030	13.76	35.78	26.86	00.038	1504.9							
		OBS	00034	13.78 13.48	35.790 35.70¢	26.86 26.85		1504.9 1503.9							
		OBS	00036	13.44	35.700	26.86		1503.8							
		OBS	00041	13.88	35.850	26.89		1505.5							
		STD	00050	13.52	35.85	26.88	00.062	1505.8							
		OB\$ STD	00051	13.92	35.850	26.88	00.091	1505.8							
		OB\$	00076	13.91 13.91	35.90 35.900	26.92 26.92	00.091	1506 • 2 1506 • 2							
		STD	00100	13.87	35.90	26.93	00.120	1506.5							
		OBS	00100	13.87	35.900	26.93		1506.5		•					
		STD	00125	13.69	35.83	26.91	00.150	1506.3							
		OBS STD	00125	13.69	35.830	26.91		1506.3							
		OBS	00150	13.55 13.55	35.83 35.830	26.94 26.94	00.179	1506 . 2 1506 . 2							
		OBS	00178	13.30	35.820	26.98		1505.8							
		085	00190	13.19	35.800	26.99		1505.6							
		STD	00200	12.54	35.64	27.00	00.236	1503.4							
		08S 08S	00205	12.22	35.57C	27.01		1502.3							
		OBS	00222	11.50 11.85	35.450 35.540	27.05 27.06		1500.0							
		OBS	00241	11.81	35.540	27.08		1501.5							
		CBS	00247	11.54	35.490	27.08		1500.6							
		STD	00250	11.53	35.49	27.08	00.291	1500.5							
		OBS OBS	00251	11.51	35.490	27.08		1500.5							
		OBS	00264	10.95 10.40	35.34C 35.215	27.07 27.07		1498.6 1496.6							
		STD	00300	10.23	35.32	27.18	00.341	1496.6							
		OBS	00300	10.23	35.325	27.18		1496.6							
		OBS	00314	10.20	35.310	27.18		1496.7							
		OBS	00325	09.77	35.210	27.17		1495.2							
		085	00340	09.72 08.73	35.210 35.010	27.18 27.19		1495.0							
		085	00344	08.59	34.990	27-20		1490.8							
		085	00348	08.68	35.020	27.20		1491.2							
		OBS	00356	09-14	35.150	27.23		1493.3							
		012 085	00400	08.41 08.37	35.13	27.33	00.431	1491.2							
		OBS	00403	08.32	35.120 35.110	27.33 27.33		1491.1							
		085	00426	07.91	35.010	27.32		1489.6							
		OBS	00451	07.37	34.990	27.38		1487.9							
		OBS	00487	06.91	34.935	27.40		1486.6							
		STO	00500	06.54 06.53	34.97	27.48	00.507	1485.4							
		OBS	00550	06.39	34.970 35.010	27.48 27.53		1485.4							
		STD	00600	06.01	35-00	27.57	00.572	1485.0							
		OBS	00605	05.97	35.004	27.58		1484.9							
		OBS	00651	05.58	35.000	27.63		1484.1							
		STD	00700	05.27 05.27	34.99 34.990	27.66	00.629	1483.7							
		085	00750	05.01	35.005	27.66 27.70		1483.7							
		STD	00800	04.93	35.01	27.71	00.680	1484.0							
		DBS	00801	04.93	35.010	27.71		1484.0							
		OBS	00850	04-81	35.010	27.73		1484.3							
		STD	00900	04.65 04.65	35.00	27.74	00.728	1484.5							
		085	00951	04.47	35.000 34.970	27.74		1484.5							
		STD	01000	04.45	34.99	27.75	00.774	1485.3							
		OBS	01001	04.45	34.990	27.75		1485.3							
		085	01020	04.35	34.973	27.75		1485.2							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSEC LAT LONG	45	8370 0070 54.6N 42.0H	MONT	1974 H 04 30 11.5	SHIP EV DATA USE 1 AREA 05	WET	TEMP 06.0 BULB 05.8 METR 1017.8 D T/A		GT PER 1 3	WIND-DIR WIND-SPO WIND-FOR WEATHER	15	TRACE		00.4	5 2	N SQ 1 SQUARE SQUARE SQUARE	4
CAST	NUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	PO 4	TOT P	NO2	NO3	S103	PH	
			STD	00000	03.20	33.73	26.88	00.000	1461.8								
		11.5	085	00003	03-20	33.735	26.88		1461.8								
			OBS STD	00005	03.19 03.27	33.730	26.88		1461.8								
			OBS	00011	03.29	33.75 33.760	26.89 26.89	00.012									
			OBS	00015	04.04	33.930	26.95		1462.4								
			STD	00020	04-12	33.94	26.96	00.023	1466.3								
			085	00020	04.13	33.947	26.96		1466.3								
			STD	00030	04.14	33.96	26.97	00.034	1466.6								
			OBS	00030	04.15 04.32	33.965	26.97		1466.6								
			OBS	00045	03.99	34.007 34.130	26.99 27.12		1467.5								
			OBS	00049	04.08	34.183	27.15		1466.9								
			STD	00050	04.12	34.19	27.15	00.055	1467.1								
			OBS	00062	04.96	34.310	27.15		1471.0								
			STD	00075 00078	05.15	34.33	27.15	00.078	1472.0								
			085	00081	05.20 04.99	34.330	27.14		1472.2								
			OBS	00085	04.40	34.220	27.15 27.15		1471.4								
			085	00091	04.76	34.330	27.19		1468.9 1470.6								
			OBS	00097	04.63	34.310	27.19		1470.2								
			STO	00100	03.99	34.23	27.20	00.101	1467.4								
			OBS	00100	03.81	34.210	27.20		1466.7								
			085	00125	03.10 03.08	34.38	27.41	00.120	1464.2								
			OBS	00131	02.90	34.387 34.375	27.41 27.42		1464.2								
			OBS	00135	02.04	34.310	27.44		1463.5								
			STD	00150	01.89	34.42	27.54	00.136	1459.5								
			OBS OBS	00150	01.89	34.420	27.54		1459.5								
			CBS	00173	02.34	34.465	27.54		1461.5								
			STD	00200	02.30 02.31	34.450 34.53	27.53 27.59	00.143	1461.7								
			OBS	00201	02.31	34.530	27.59	00.163	1462.3								
			OBS	00217	02.51	34.540	27.58		1463.4								
			085	00224	03.39	34-660	27.60		1467.5								
			OBS STD	00228 00250	03.49	34.673	27.60		1468.0								
			OBS	00250	03.17 03.16	34.66	27.62	OC.189	1467.0								
			OBS	00270	03.16	34.660 34.715	27.62 27.66		1467.0								
			085	00297	04.99	35.000	27.70		1467.4								
			STD	00300	05.03	35.00	27.69	00.212	1470.1								
			08\$ 08\$	00300	05-04	35.000	27.69		1476.1								
			STD	00331	05.07 04.51	34.995	27.68		1476.7								
			085	00493	04.40	34.90 34.880	27.68	00.258	1475.4								
			STD	00500		34.89	27.67 27.67	00.306	1476.5								
			OBS	00512	04.47	34.890	27.67	00.300	1477.1								
			OBS	00552	04.23	34-87C	27.68		1476.8								
			STD OBS	00400	04.24	34.88	27.69	00.354	1477.6								
			STD	00611	04.24 04.17	34.880	27.69		1477.8								
			OBS	00715		34.87 34.87ò	27.69 27.69	00.402	1478.9								
			OBS	00750		34.880	27.70		1479.1 1479.5								
			STD	00800	03.91	34.86	27.70	00.451	1479.5								
			OBS	00801	03.91	34.855	27.70		1479.5								
			CBS	00850		34.870	27.71		1480.5								
			STD OBS	00900		34.86	27.71		1481.0								
			OBS	00951		34.855 34.860	27.71 27.72		1481.0								
			STD	01000		34.88	27.74		1481.6								
			OBS	01001		34.880	27.74		1482.3								
			085	01022													

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0071 LAT 46 19.0N LONG 044 44.6H	MONT	1974 H 04 30 14-4	BOTDP 02431 SHIP EV DATA USE 1 AREA 05			22		WIND-DIR WIND-SPD WIND-FOR WEATHER	07	TRAC I	DIR	CORDER D 00-8 10009	5 5	SQ 1306 SQUARE 3 SQUARE 64 SQUARE 64
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	ŞAL	SIGMA-T	DYNDPTH	SND VEL	O XY G	P04	TOT P	NO2	NO3	\$103	PH
	STD	00000	01.01	33.29	26.69	00.000	1451.5							
14.4	085	00001	01.01	33.290	26.69		1451.5							
	STD	00010	01.00	33.30	26-70	00-014	1451-6							
	OBS	00011	00.99	33.300	26.70		1451 - 6							
	085	00013	00.57	33.283	26.69		1451-5							
	OBS	00017	00.83 0C.92	33.340	26.74	00 024	1451-0							
	STD	00020	01.61	33.66 33.735	27.00 27.05	00.026	1451.9							
	OB\$	00026	01.72	33.920	27.15		1456.0							
	STO	00030	01.77	33.97	27.19	00.035	1456.3							
	085	00030	01.77	33.975	27.19	000033	1456.3							
	OBS	00041	01.64	34.150	27.34		1456.2							
	STD	00050	01.83	34.19	27.36	00.052	1457.2							
	OBS	00051	01.85	34.195	27.36		1457.3							
	STD	00075	01.87	34.28	27.43	00.069	1457.9							
	OBS	00076	01.87	34.285	27.43		1458.0							
	OBS	00079	02.02	34.300	27.43		1458.7							
	STD	00100	02.04	34.46	27.55	00-084	1459.3							
	OBS	00100	02.05	34-460	27.56		1459.4							
	STD	00125	02.55	34.52	27.56	00.098	1462.1							
	OBS STD	00125 00150	02.56	34.520 34.65	27.56 27.63	00 111	1462.1							
	OBS	00150	03.03	34.665	27.64	00.111	1464.9							
	OBS	00175	03.09	34.660	27.63		1465.4							
	GBS	00188	03.38	34.760	27.68		1467.0							
	OBS	00190	03.38	34.760	27.68		1467-0							
	STD	00200	-03-49	34.77	27.68	00.134	1467.7							
	OBS	00215	03.65	34.790	27.68		1468.6							
	OBS	00226	Q3.75	34.800	27.67		1469.3							
	STD	00250	03.82	34.81	27.67	00.156	1469.9							
	085	00251	03.82	34-810	27.68		1470.0							
	OBS	00277	03.93	34.870	27.71		1471.0							
	STD	00300	03.95	34.89	27.72	00.178	1471-4							
	OBS STD	00302	03.55 03.50	34.890 34.88	27.73 27.72	00-219	1471.5							
	085	00401	03.90	34.880	27.72	00.219	1472.9							
	085	00453	03.86	34.890	27.73		1473.6							
	STD	00500	03.82	34.88	27.73	00.261	1474.2							
	OBS	00500	03.82	34.880	27.73		1474.2							
	OBS	00550	03.81	34.880	27.73		1475.0							
	STD	00600	03.73	34.87	27.73	00.304	1475.5							
	OBS	10400	03.73	34.870	27.73		1475.5							
	OBS	00652	03.70	34.880	27.74		1476.2							
	STD	00700	03.70	34.88	27.74	00.346	1477-0							
	085	00700	03.70	34.880	27.74		1477.0							
	OBS	00751	03.63	34.870	27.74	00 300	1477.5							
	STD	00800	03.56	34.87	27.75	00.389	1478.1							
	OBS OBS	00801	03.56 03.54	34.870 34.870	27.75		1478.1							
	STD	00900	03.54	34.87	27.75 27.75	00.432	1478.8							
	085	00900	03.54	34.870	27.75	30.432	1479.6							
	OBS	00951	03.54	34.870	27.75		1480.5							
	STD	01000	03.54	34.87	27.75	00.475								
	OBS	01001	03.54	34.870	27.75	301113	1481.3							
	OBS	01024	03.54	34.870	27.75		1481.7							

REFID 31 8370 CONSEC 0072 LAT 46 26.8N LONG 044 42.8W	YEAR MONTH DAY HOUR	1 04 30	BOTDP 00785 SHIP EV DATA USE I AREA 05	AIR T WET B BAROM CLOUD	ULB 06.1 ETR 1017.3	DIR H 18 5EA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	20	TRAC	STD REG E DIR TION 011 562	00.3	5 2	N SQ 1306 SQUARE 3 SQUARE 64 SQUARE 64
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXY G	P04	TOT P	NO2	NO3	\$103	РН
18.3	STD OBS OBS STD OBS	DEPTH 00000 00001 00009 00010 00011 00015 00017 00020 00020 00030 00051 00075 00076 00100 00125 00175 00200 00175 00200 00300 00400 00401 00500 00401 00500 00401 00500 00401 00500 00401 00500 00401 00500 00401 00500 00401 00500 00401 00500 00401 00500 00401 00500 00401 00500 00401 00500 00401 00500 00401 00500 00401 00500 00500 00401 00500 00500 00401 00500 00500 00500	TEMP 00.71 00.69 00.71 00.74 01.08 01.28 01.33 01.54 01.55 01.58 01.59 01.89 01.89 02.03 02.04 02.57 03.04 03.02 03.32 03.77 03.98 04.04 03.91 03.84 03.97 03.84 03.77 03.84 03.77 03.84 03.77 03.98 04.04 03.91 03.85	SAL 73 33.27 0 33.28 0 33.27 0 33.27 0 33.27 0 33.43 0 33.77 0 33.76 0 33.76 0 33.76 0 33.76 0 33.76 0 33.76 0 34.27 0	26.7C 26.70 26.70 26.70 26.70 26.83 27.06 27.06 27.05 27.05 27.05 27.05 27.05 27.05 27.61 27.61 27.61 27.61 27.64 27.64 27.66 27.76 27.77	00.000 00.014 00.025 00.036 00.054 00.072 00.088 00.103 00.116 00.140 00.163 00.228 00.228	1450.1 1450.2 1450.2 1450.2 1450.3 1450.3 1450.7 1452.7 1452.7 1453.9 1454.1 1455.8 1455.8 1455.6 1455.7 1456.7 1456.7 1456.7 1460.3 1460.3 1460.3 1460.3 1460.7 1471.8	DXY &	PO4	TOT P	NO2	NO3	5103	PH
REFIO 31 8370 CONSEC 0073 LAT 46 31.8N LONG 044 43.0W	YEAR MONTH DAY HOUR	30	BOTOP 00320 SHIP EV DATA USE 1 AREA 05	AIR T WET B BAROM CLGUO	ULB 05.7 ETR 1006.1		GT PER 2 3	WIND-DIR WIND-SPD WIND-FOR WEATHER	15	TRAC	STD RE E DIR TION 011 56	00.2	5	N SQ 1306 SQUARE 3 SQUARE 64 SQUARE 64
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P0 4	TGT P	NO2	NO3	\$103	PH
19-2	STD OBS STD OBS OBS	00000 00000 00010 00015 00025 00033 00050 00050 00050 00050 00050 00050 00050 00100 001100 001100 001150 001150 001150 001150 001150 00125 00125 00125 00125	00.68 00.68 00.68 00.68 00.68 00.25 00.20 00.89 00.89 01.99	33.27 33.27 33.28 33.28 33.28 33.27 33.57 33.57 33.57 33.57 33.85 33.85 33.85 33.85 33.85 34.06 34.19 34.19 34.19 34.19 34.19 34.19 34.19 34.29 34.35 34.45 34.85 34	26.70 26.70 26.71 26.71 26.71 26.72 26.88 26.96 27.12 27.15 27.15 27.32 27.35 27.35 27.35 27.42 27.42 27.48 27.42 27.56 27.57 27.57 27.57 27.57 27.57 27.65 27.69 27.79 27.69 27.69 27.79	00.000 00.014 00.027 00.040 00.061 00.081 00.098 00.113 00.126 00.150 00.172 00.193	1450.0 1450.0 1450.2 1450.3 1449.5 1448.8 1448.8 1451.5 1452.6 1452.6 1452.6 1452.8 1458.4 1458.4 1458.4 1458.7 1458.4 1459.1 1459.1 1459.7 1459.8 1468.8 1468.8 1468.8 1468.8		PUS		NUZ	NUS	3103	

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID: 31 8370 CONSEC 0074 LAT 46 45.0N LONG 044 43.0W	YEAR MONTH DAY HOUR	30	BOTDP 00146 SHIP EV DATA USE I AREA 05		OLB 05.7 SETR 1001.9	20	GT PER 2 3	WIND-DIR WIND-SPD WIND-FOR WEATHER	15	TRAC DUR		ECORDER D 00.1	5 2	N SQ 13 SQUARE SQUARE SQUARE	3 64
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGHA-T	DYNOPTH	SND VEL	OXY G	P04	TOT I	P NO2	2 NO3	\$103	Pti	
	STD	00000	01.27	33.43	26.79	00.000	1452.9								
20.2	STD	00001	01.27	33.430	26.79 26.79	00.013	1452.9								
	OBS OBS STD	00011 00015 00020	01.28 01.30 01.55	33.420 33.60	26.79 26.78 26.91	00.025	1453.1								
	OBS STD	00020	.01.58	33.630	26.93 26.98	00.036	1454.9								
	OBS OBS	00034	01-61 .01-62 .01-08	33.727	27.00 27.13	00.036	1455.4								
	STD	00050	01.11	33.85	27.13	00.056	1453.6								
	OBS STD OBS	00051 00075 00076	01.12 01.21 01.21	33.850 33.98 33.980	27.14 27.23 27.23	00.079	1453.6 1454.6 1454.6								
	OBS OBS	00087	01.25 01.33	33.990	27.24 27.30		1455.0								
	OBS STD	00091	01.62 01.70	34.080	27.29 27.29	00.099	1456.8								
	085	00100	01.71	34.090	27.29	001077	1457.4								
					****	******	*								
REFID 31 8370	YEAR		80TDP 00145	AIR			GT PER	WIND-DIR				ECORDER		N SQ 13 SQUARE	
CONSEC 0075	DAY		SHIP EV DATA USE I	BARG	SULB 04.5 HETR 1001.9	SEA	3 3	WIND-FOR		DUR	TION OIL 5	00.3	2	SQUARE SQUARE	64
LONG 044 44.0W	HOUR	22.5	AREA 05	CLUU) T/A	CL/TR		WEATHER	A2	UNIC	, 011		•	JANKE	14
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXY G	P04	TOT	NO2	. NO3	\$103	PH	
22.5	STO OBS	00000	02.03	33.74	26.98 26.98	00.000	1456.7								
22.7	OBS STD	00003	02.03 02.03	33.730 33.74	26.98	00.011	1456.7								
	OBS STD	00011	02.02	33.740 33.77	26.98	00.022	1456.8								
	OBS STD	00020	01.93 01.88	33.780 33.85	27.02	00.032	1456-6								
	OBS STD	00030	01.88 01.76	33.850	27.08 27.09	00.051	1456.7								
	OBS OBS	00051	01.75 01.98	33.854 33.840	27.09 27.07	•••••	1456 - 4 1457 - 6								
	08S STD	00060	01.75	33.940	27.16 27.19	00.075	1456.7								
	OBS OBS	00078	01.79	33.974	27.19 27.25		1457.2								
	STD	00100	01.59	34.07 34.080	27.28 27.29	00-096	1456.8								
	STD	00125 00125	01.92 01.92	34.18 34.180	27.34 27.34	00.116	1458.8								
	085	00140	01.92	34.180	27.34		1459.1								
					****	********	•								
REFID 31 8370 CONSEC 0076		1974 H 05	BOTDP 00182 SHIP EV DATA USE I	AIR	TEMP 02.5	DIR F	IGT PER	WIND-DIR	22			RECORDER [EN SQ 1 SQUARE	
LAT 46 58.2N LONG 045 15.0W	DAY	01	DATA USE E AREA 05	BARO	METR 1005.8 D T/A	SEA CL/TI	1	WIND-SPD WIND-FOR WEATHER		CRI	ATION	00.1 566	2	SQUARE	64
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPIH	SAD VEL	OXY G	P04	TOT	P NO	2 NO3	\$103	PH	
02.5	STD OBS	00000	02.30	33.77 33.77G	26.99 26.99	00.000	1457.9 1458.0								
-	STO	00010	02.29	33.77 33.767	26.98 26.98	00.011	1458.0 1458.0								
	OBS STD	00015	02.29	33.765 33.77	26.98	00.022	1458.1								
	OBS STD	00020	02.30	33.770	26.99 27.04		1458.2								
	OBS STD	00030	02.24	33.840	27.05 27.15		1458.2 1458.3								
	OBS STD	00051	02.14	33.970	27.16 27.17		1458.3 1458.6								
	OBS OBS	00076	02.12	33.980	27.17 27.16		1458.6								
	STD	00100	02.26	34.09 34.090	27.24	00.097	1459.8								
	STD	00125	02.35	34.10 34.10	27.24	00-118	1460.6								
	OBS STD	00137	02.66	34.200 34.18	27.30 27.30	00.138	1462.3								
	08S 08S	00150 00173	02.46	34.177 34.305	27.30 27.39		1461-6								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0.077 LAT 47 01.0N LONG 045 50.0W	YEAR MONTH DAY HOUR	05 01	BOTOP 00290 SHIP EV DATA USE I AREA 05	WET 8	ULB 00.9 ETR 1009.4	DIR HE 28 G SEA CL/TR	GT PER	WIND-DIR WING-SPD WIND-FCR WEATHER	22	TRAC	STD REC E DIR TION 011 567	00.1	5 2	N SQ 1306 SQUARE 4 SQUARE 64 SQUARE 75	
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	DXY G	P0 4	TOT P	NO2	NO3	\$103	PH	
	STD	00000	00.23	32.84	26.38	00.000	1447.3								
06.1	OB S STD	00003	00.23	32.840 32.91	26.43	00.016	1447.4								
	OBS	00011	00.29	32.915	26.43 26.43	00.032	1447.9								
	085	00020	00.41	32.935	26.44		1448.6								
	SID OBS	00030	0C.89 01.05	33.11 33.275	26.56 26.68	00.048	1451.2								
	OBS OBS	00034	01.19	33.446	26.80 26.83		1453.1								
	OBS	00041	01.62	33.510	26.83		1455.2								
	OBS STD	00045	02.23	33.970 34.04	27.15 27.16	00.072	1458.6								
	OBS OBS	00051	02.88	34.066	27.17 27.23		1461.7								
	08S 08S	00060	02.42	34.107	27.23		1460.8								
	OBS	00070	03.15	34.170 34.180	27.24 27.24		1463.3								
	STD	00075	02.97	34.17 34.17u	27.25 27.25	00.094	1462.6								
	OBS OBS	00079	02.96 02.87	34.175 34.18L	27.25		1462.6								
	OBS	00091	02.51	34.200	27.28		1462 - 6								
	OBS STD	00097	02.73 02.85	34.200 34.21	27.29 27.29	00-114	1462.5								
	OBS STD	00102	02.95	34.22s 34.32	27.29 27.35	00.134	1463.0								
	08 \$ 08 \$	00125	03.10 03.39	34.325	27.30 27.41		1464.2								
	OBS	00146	03.63	34.447	27.41		1467.0								
	STD OBS	00150 00152	03.48	34.46 34.476	27.41	00.151	1467.2								
	OBS OBS	00163	03.65	34.470	27.42		1467.4								
	OBS	00173	03.59	34.530	27.48		1467.3								
	OBS STD	00175	03.60	34.520 34.73	27.47 27.55	00.183	1467.4								
	08 S 08 S	00205	04.50 04.72	34.760	27.56 27.57		1472.0								
	STD	00250	04.54	34.80 34.795	27.59	00.210	1473.0								
	08S 08S	00277	04.29	34.80U 34.81U	27.62		1472.4								
	003	00281	04024	240010	21.03										

					****	*******	•								
					****	•••••	•								
REFID 31 8370 CONSEC 0078		1974 H 05	BOTOP 0032 SHIP EV		TEMP 01.6	3 DIR F	HGT PER	WIND-OIR WIND-SPD			STD RE			EN SQ 130	
CONSEC 0078	MONT DAY	H 05 01	SHIP EV DATA USE	WET 1 BAKO	TEMP 01.6 BULB 01.2 METR 1013.5	3 DIR F 2 28 5 SEA	HGT PER 3 2	WIND-SPD WIND-FOR	15	TRAC DURA	E DIR	00.2	5	SQUARE 6	4 6
CONSEC 0078	MONT DAY	H 05	SHIP EV	WET 1 BAKO	TEMP 01.6 BULB 01.2	3 DIR F	HGT PER 3 2	WIND-SPD	15	TRAC DURA	E DIR	00.2	5	SQUARE	4 6
CONSEC 0078	MONT DAY HOUR	H 05 01 07-8	SHIP EV DATA USE AREA 0	WET 1 BAKO 5 CLGU SAL	TEMP 01.6 BULB 01.2 METR 1013.5 D T/A SIGMA-T	B DIR F 2 28 5 SEA CL/TF	HGT PER 3 2 R	WIND-SPD WIND-FOR	15 X2	TRAC DURA	E DIR TION 011 56	00.2	5	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8N LONG 046 09.8N	MONT DAY HOUR	01 01 07-8	SHIP EV DATA USE AREA O	WET 1 BAKO 5 CLGU	TEMP 01.6 BULB 01.2 METR 1013.5 D T/A	DIR F 2 28 5 SEA CL/TF	HGT PER 3 2	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	MONT DAY HOUR LVLTYP	DEPTH 00000 00001	SHIP EV DATA USE AREA 0 TEMP 01.62 01.62 01.62	SAL 33.38 33.38 33.380 33.38	TEMP 01.6 8ULB 01.2 METR 1013.5 D T/A SIGMA-T 26.73 26.73	B DIR F 2 28 5 SEA CL/TF	SND VEL 1454.4 1454.4 1454.5	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	MONT DAY HOUR LVLTYP STD OBS STD OBS STD	H 05 01 07.8 DEPTH 00000 00001 00010 00020	SHIP EV DATA USE AREA 0 TEMP 01.62 01.62 01.62 01.62 01.62 01.62	SAL 33.38 33.380 33.38 33.380 33.38	TEMP 01.6 BULB 01.2 METR 1013.5 D T/A SIGMA-T 26.73 26.73 26.73 26.73	DIR F 28 5 SEA CL/TF DYNDPTH	SND VEL 1454-4 1454-5 1454-6 1454-6	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	MONT DAY HOUR LVLTYP STD OBS STD OBS STD OBS STD	H 05 01 07.8 DEPTH 00000 00001 00010 00011 00020 00022 00030	SHIP EV DATA USE AREA 0 TEMP 01.62 01.62 01.62 01.62 01.62 01.62 01.62	SAL 33.38 33.380 33.38 33.380 33.380 33.380 33.380 33.380 33.380 33.380	TEMP 01.6 8ULB 01.2 METR 1013.5 D T/A SIGMA-T 26.73 26.73 26.73 26.73 26.73 26.73 26.73	DIR H 2 28 5 SEA CL/TF DYNDPTH 0C.000 00.013	SNO VEL 1454.4 1454.4 1454.6 1454.7 1454.7	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	MONT DAY HOUR LYLTYP STD OBS OBS	H 05 01 07-8 DEPTH 00000 00001 00010 00011 00020 00022 00030 00030 00041	TEMP O1.62 O1.65	SAL 33.38 33.380 33.38 33.380 33.38 33.380	TEMP 01.6 BULB 01.2 METR 1013.5 D T/A SIGMA-T 26.73 26.73 26.73 26.73 26.73 26.73	DIR H 2 28 5 SEA CL/TF DYNDPTH 0C.000 00.013	SND VEL 1454.4 1454.5 1454.6 1454.7	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	MONT DAY HOUR LVLTYP STD OBS	H 05 01 07-8 DEPTH 00000 00011 00011 00020 00022 00030	TEMP OL 62 OL 63 OL 64 OL 65 OL 66 O	SAL 33.38 33.380 33.380 33.380 33.380 33.380 33.380 33.380 33.380 33.380 33.380 33.380	TEMP 01-6 BULB 01-2 METR 1013-5 D T/A SIGMA-T 26-73 26-73 26-73 26-73 26-73 26-73 26-73 26-73 26-73 26-73	DIR H 2 28 5 SEA CL/TF DYNDPTH 0C.000 00.013	SND VEL 1454.4 1454.5 1454.7 1454.7 1454.9 1455.6	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	WONT DAY HOUR LVLTYP SID OBS SID OBS SID OBS SID OBS OBS SID OBS OBS OBS SID	H 05 01 07-8 DEPTH 00000 00001 00010 00020 00022 00030 00041 00045 00047	TEMP EV DATA USE AREA 0 TEMP 01.62 01.62 01.62 01.62 01.62 01.62 01.62 01.62 01.62 01.62 01.63 01.60 01.99 02.38	WET BAKO CLCU SAL 33.38 33.380 33.38 33.380 33.38 33.38 33.38 33.38 33.38 33.38 33.38 33.38 33.38 33.38	TEMP 01.6 BULB 01.2 METR 1013.5 D T/A SIGMA-T 26.73 26.73 26.73 26.73 26.73 26.73 26.73 26.73 26.73 26.73 27.73 27.73	DIR H 2 28 5 SEA CL/TF DYNDPTH 0C.000 00.013	SNO VEL 1454.4 1454.6 1454.6 1454.7 1454.7 1454.7 1454.7 1457.5	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	LVLTYP STD OBS STD OBS STD OBS STD OBS STD OBS OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD	DEPTH 00000 00011 00010 00020 00030 00030 00030 00041 00045 00047 00050 00057	TEMP OL 62 OL 63 OL 62 OL 63 OL 62 OL 63 OL 64 O	SAL 33.38 33.380 33.380 33.380 33.383 33.383 33.385 33.385 33.490 33.493 33.493 33.493	TEMP 01.6 BULB 01.2 METR 1013.5 D T/A SIGMA-T 26.73 26.73 26.73 26.73 26.73 26.73 26.73 26.73 27.11 27.22	DIR F 28 5 5 A CL/TF DYNDPTH 00.000 00.013 00.027 00.040	SND VEL 1454.4 1454.6 1454.6 1454.7 1454.7 1454.7 1454.7 1455.4 1457.5 1457.5 1459.3 1463.3	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	LVLTYP STD OBS OBS STD OBS	DEPTH 00000 0001 0001 00020 00020 00030 00041 00045 00057 00075 00076	TEMP O1.62 O1.63 O1.60 O1.99 O2.38 O3.23 O3.23 O3.23	SAL 33.38 33.380 33.380 33.380 33.383 33.380 33.383	TEMP 01.6 BULB 01.2 METR 1013.5 D T/A SIGMA-T 26.73 26.73 26.73 26.73 26.73 26.73 26.73 26.73 27.11 27.12 27.22 27.22	DIR F 28 5 5 A CL/TF DYNDPTH 00.000 00.013 00.027 00.040	SND VEL 1454-4 1454-4 1454-6 1454-7 1454-7 1454-9 1455-4 1457-5 1459-3 1463-7 1463-7 1463-7	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	LVLTYP STD OBS OBS STD OBS OBS OBS OBS	DEPTH 00000 0001 0001 0002 00030 00041 00047 00057 00075	TEMP EV DATA USE AREA 0 TEMP 01.62 01.62 01.62 01.62 01.62 01.62 01.62 01.63 01.60 01.99 02.38 03.22 03.23 03.23 03.23	SAL 33.38 33.38 33.38 33.38 33.38 33.38 33.38 33.38 33.40 33.38 33.40 33.38 33.41 33.40 34.10 34.17 34.17	TEMP 01-6 80LB 01-2 METR 1013-5 D T/A SIGMA-T 26-73 26-73 26-73 26-73 26-73 26-73 26-73 26-73 26-73 27-17 27-17 27-17 27-17 27-12 27-22 27-22 27-22	DIR F 28 5EA CL/TF DYNDPTH 0C.000 00.013 00.027 00.040	SND VEL 1454.4 1454.5 1454.7 1454.7 1454.9 1454.9 1455.4 1457.5 1463.3 1463.7 1463.7	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	MONT DAY HOUR LYLTYP STD OBS STD OBS OBS OBS OBS OBS STD OBS STD OBS STD OBS STD OBS STD OBS	DEPTH 00000 00001 00010 00010 00011 00020 00030 00047 00057 00075 00076 00085 00091 00100 00100	TEMP EV DATA USE AREA 0 TEMP 01.62 01.62 01.62 01.62 01.62 01.62 01.62 01.62 01.62 01.62 01.62 01.62 01.62 01.62 01.62 01.63 01.63 01.69 01.99 02.38 03.22 03.23 03.23 03.23 03.23	SAL 33.38 33.380 33.380 33.380 33.380 33.380 33.381 33.380 33.381 33.380 33.381 33.38	TEMP 01.6 BULB 01.2 METR 1013.5 D T/A SIGMA-T 26.73 26.73 26.73 26.73 26.73 26.73 26.73 27.73 27.72 27.22 27.22 27.22 27.27	DIR F 28 SEA CL/TF DYNDPTH 00.000 00.013 00.027 00.040 00.063 00.085	SND VEL 1454.4 1454.5 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1463.7 1463.7	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	MONT DAY HOUR STD OBS STD OBS CBS OBS OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS OBS STD OBS	DEPTH 00000 00001 00011 00010 00011 00020 00022 00030 00041 00045 00045 00076	TEMP EV DATA USE AREA O TEMP COL. 62 Ol. 62	SAL 33.38 33.380 33.380 33.380 33.380 33.380 33.489 33.490 34.107 34.170 34.170 34.173 34.173 34.173 34.174 34.174	TEMP 01.6 BULB 01.2 METR 1013.5 D T/A SIGMA-T 26.73 26.73 26.73 26.73 26.73 26.73 26.73 27.11 27.13 27.12 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22	DIR F 28 28 SEA CL/TE DYNDPTH 0C.000 00.013 00.027 00.040 00.063 00.085	SND VEL 1454-4 1454-4 1454-6 1454-7 1454-7 1454-9 1454-7 1455-4 1457-5 1459-3 1463-7 1463-7 1463-7 1463-7 1463-7 1463-7 1463-7 1462-6 1462-6 1462-6	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	LYLTYP STD OBS	DEPTH 00000 00001 00010 00011 00020 00030 00041 00045 00047 00050 00075 00075 00075 00075 00075 00150 00100 00100	TEMP 01.62	SAL 33.38 33.380 33.380 33.380 33.380 33.380 33.380 33.381 33.381 33.385 33.400 33.690 33.890	TEMP 01.6 BULB 01.2 METR 1013.5 D T/A SIGMA-T 26.73 26.73 26.73 26.73 26.73 26.73 27.11 27.12 27.23 27.27 27.22 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27	DIR F 28 28 SEA CL/TE DYNDPTH 0C.000 00.013 00.027 00.040 00.063 00.085	SND VEL 1454.4 1454.6 1454.6 1454.6 1454.7 1454.9 1454.9 1457.5 1459.3 1463.7 1463.7 1463.7 1462.7 1462.7 1463.4	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	LVLTYP STD OBS	DEPTH 00000 00001 00001 00001 00001 00002 00030 00041 00057 00057 00075 00075 00075 00075 00075 00075 00075 00075 00075 00075	TEMP O1.62 O1.74 O2.38 O3.23 O3.23 O3.23 O3.23 O3.27 O2.79 O2.88	SAL 33.38 33.380 33.380 33.380 33.380 33.380 33.381 33.400 33.385 33.400 33.401 34.17 34.17 34.17 34.17 34.17 34.17 34.17 34.17 34.17	TEMP 01-6 BULB 01-2 METR 1013-5 D T/A SIGMA-T 26-73 26-73 26-73 26-73 26-73 26-73 27-73 27-71 27-27 27-22 27-22 27-27 27-27 27-27 27-27 27-27 27-26 27-35 27-35 27-42	DIR F 28 28 SEA CL/TE DYNDPTH 0C.000 00.013 00.027 00.040 00.063 00.085	SND VEL 1454.4 1454.5 1454.6 1454.7 1454.9 1454.9 1454.9 1454.3 1463.7 1463.3 1463.7 1463.8	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	LVLTYP STD OBS STD OBS OBS OBS OBS STD OBS STD OBS STD OBS STD OBS OBS STD OBS OBS STD OBS OBS STD OBS	H 05 01 07 8 DEPTH 00000 00011 00010 00020 00030 00047 00057 00057 00050 00100 00100 00105 00177 00150 00157 00150 00157 00150 00160 00160 00165 00167 00160	TEMP EV DATA USE AREA O TEMP COL. 62 Ol. 69 Ol. 99 Ol. 79	SAL 33.38 33.380 33.380 33.380 33.380 33.381	TEMP 01.6 BULB 01.2 METR 1013.5 D T/A SIGMA-T 26.73 26.73 26.73 26.73 26.73 26.73 27.73 27.71 27.22 27.27 27.22 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27	DIR F 28 SEA CL/TF DYNDPTH 00.000 00.013 00.027 00.040 00.063 00.085	SND VEL 1454.4 1454.5 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1454.7 1453.3 1463.7 1463.8 1462.6 1462.6 1462.6 1463.8 1463.8 1463.8 1463.7 1463.8	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	LVLTYP STD OBS STD OBS STD OBS STD OBS STD OBS OBS STD OBS OBS OBS OBS OBS STD OBS	H 05 01 07 8 DEPTH 00000 00001 00001 0002 00030 00047 00055 00057 00076 00055 00077 00150 00157 00150 00157 00150 00157 00150 00157 00150 00157 00150	TEMP EV DATA USE AREA O TEMP COL. 62 Ol. 64 Ol. 62 Ol. 64	SAL 33.38 33.380 33.380 33.380 33.380 33.380 33.480 33.480 33.480 33.480 33.480 33.480 33.480 33.480 33.480 33.480 33.480 33.480 33.480 33.480 33.480 34.17 34.170 34.170 34.170 34.170 34.170 34.170 34.180 34.480 34.450 34.450 34.450	TEMP 01.6 BULB 01.2 METR 1013.5 D T/A SIGMA-T 26.73 26.73 26.73 26.73 26.73 26.73 26.73 27.11 27.12 27.22 27.22 27.22 27.22 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27 27.27	DIR F 28 SEA CL/TF DYNDPTH 00.000 00.013 00.027 00.040 00.063 00.085	SND VEL 1454-4 1454-6 1454-6 1454-6 1454-7 1454-9 1454-9 1457-5 1459-3 1463-7 1463-	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	LVLTYP STD OBS STD OBS STD OBS OBS STD OBS	H 05 01 07 8 DEPTH 00000 00001 00011 00020 00030 00041 00057 00057 00076 00015 00100 00125 00127 00150	TEMP EV DATA USE AREA O TEMP COL. 62 Ol. 63 Ol. 62 Ol. 64	SAL 33.38 33.40 34.45 34.45 34.45 34.46 34.45 34.46 34.45 34.46 34.45	TEMP 01.6 BULB 01.2 METR 1013.5 D T/A SIGMA-T 26.73 26.73 26.73 26.73 26.73 26.73 27.11 27.12 27.22 27.27 27.22 27.27 27.27 27.22 27.27 27.27 27.27 27.27 27.26 27.36 27.41 27.41 27.43 27.41 27.42 27.43 27.41	DIR F 28 5 5 5 6 CL/TF DYNDPTH 00.000 00.013 00.027 00.063 00.063 00.106 00.127 00.146	SND VEL 1454-4 1454-5 1454-6 1454-6 1454-7 1454-9 1454-9 1455-5 1459-3 1463-7 1467-7 1467-7 1467-7 1467-7 1467-7 1467-7 1467-7	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	LVLTYP STD OBS STD OBS OBS OBS OBS OBS OBS STD OBS	H 05 01 07 8 00 00 00 00 00 00 00 00 00 00 00 00 0	TEMP OL 62 OL 63 OL 64 O	SAL 33.38 33.380 33.380 33.380 33.380 33.385 33.400 33.385 33.400 33.489 33.489 33.489 33.489 33.489 33.489 33.489 34.105 34.17 34.170 34.177 34.170 34.170 34.177 34.170 34.177 34.170 34.177 34.170 34.177 34.170 34.170 34.177 34.170	TEMP 01-6 BULB 01-2 METR 1013-5 D 1/A SIGMA-T 26-73 26-73 26-73 26-73 26-73 26-73 26-73 26-73 26-73 26-73 26-73 26-73 27-73 27-72 27-22 27-23 27-27 27-28 27-48 27-49 27-51 27-60	DIR F 28 5 5 A CL/TF DYNDPTH 0C.000 00.013 00.027 00.040 00.063 00.085 00.106 00.127 00.146	SND VEL 1454.4 1454.5 1454.5 1454.6 1454.7 1454.9 1454.9 1457.5 1457.5 1457.5 1457.7 1463.7 1467.7 1467.7 1472.0 1472.0 1472.0 1472.5	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6
CONSEC 0078 LAT 47 00.8M LONG 046 09.8M	LVLTYP STD OBS STD OBS OBS STD OBS OBS STD OBS OBS STD OBS OBS OBS STD OBS STD OBS OBS STD OBS OBS OBS OBS OBS OBS OBS	H 05 01 07 8 05 01 07 8 05 01 07 8 05 01 07 8 05 01 07 8 05 01 07	TEMP O1.62 O1.63 O1.60 O1.99 O2.38 O3.22 O3.23 O3.23 O3.20 O2.74 O2.88 O2.89 O2.79 O2.79 O2.79 O2.79 O2.79 O2.79 O2.84 O3.36 O3.43	SAL 33.38 33.380 33.380 33.380 33.380 33.380 33.381 33.380 33.381 33.380 33.38	TEMP 01-6 8ULB 01-2 METR 1013-5 D T/A SIGMA-T 26-73 26-73 26-73 26-73 26-73 26-73 26-73 27-72 27-22 27-27	DIR F 28 5 5 5 6 CL/TF DYNDPTH 00.000 00.013 00.027 00.063 00.063 00.106 00.127 00.146	SND VEL 1454.4 1454.5 1454.5 1454.6 1454.6 1454.7 1457.7 1457.5 1457.3 1463.7 1467.7 1467.7 1467.7 1477.0 1477.	WIND-SPD WIND-FOR WEATHER	15 X2	DURA OR I G	E DIR TION 011 56	00.2 8	5 2 1	SQUARE 6	4 6

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID 31 837 CONSEC 007 LAT 46 59.0 LONG 046 30.0	9 MONT N DAY	1974 H 05 01 109.5	BOTOP 00355 SHIP EV DATA USE 1 AREA 05	WET :		31	GT PER 2 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	13	TR AC I	STD RE E DIR Fion Oll 56	00.2	5	N SQ 1306 SQUARE 4 SQUARE 66 SQUARE 66
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	NO2	N03	\$103	PH
	STD	00000	01.50	33.38	26.73	00.000	1453.8							
09.5		00001	01.50	33.380	26.73		1453.9							
	STD	00010	01.50	33.38	26.73	00.013	1454.0							
	OBS	00011	01.50	33.380	26.73		1454.0							
	STD	00020	01.55	33.39	26.74	00.026	1454.4							
	085	00020	01.56	33.390	26.74	00 040	1454.5							
	STD	00030	01.82 01.83	33.42 33.430	26.74 26.75	00.040	1455.8 1455.9							
	OBS OBS	00040	01.96	33.730	26.98		1457.0							
	OBS	00043	02.57	33.960	27.12		1460.1							
	085	00049	02.79	33.970	27.10		1461.1							
	STO	00050	02.79	33.99	27.12	00.062	1461.1							
	OBS	00053	02.76	34.100	27.21		1461.2							
	STD	00075	02.93	34.18	27.26	00.085	1462.4							
	OBS	00076	02.54	34.180	27.26		1462.5							
	STD	00100	03-14	34.25	27.29	00.105	1463.8							
	OBS	00102	03.20	34.260	27.30		1464.2							
	OBS	00112	03.46	34.320	27.32		1465.5							
	OBS	00118	03.14	34.300	27.34		1464.2							
	OBS	00121	03.22	34.320	27.34		1464-6							
	STD	00125	03.40	34.32	27.33	00-124	1465.5							
	08S 08S	00125	03.43	34.320	27.32 27.33		1465.6							
	OBS	00133	03.50 03.77	34.330 34.450	27.39		1466.0							
	OBS	00139	03.86	34.460	27.39		1467.8							
	OBS	00144	04.25	34.536	27.41		1469.7							
	STD	00150	04.37	34.53	27.39	00.143	1470.3							
	OBS	00150	04.38	34.536	27.39		1470.3							
	085	00159	04.34	34.540	27.41		1470 - 3							
	OBS	00165	03.56	34.440	27.41		1467.0							
	OBS	00173	03.27	34.470	27.46		1465.5							
	085	00177	03.64	34.540	27.46		1468.5							
	OB\$	00182	04.65	34.650	27.46		1472.1							
	STD	00200	04.79	34.75	27.52	00.175	1473.1							
	OBS	00201	04.81	34.760	27.53		1473.2							
	OBS	00205	04.74	34.780	27.55		1473.0							
	OBS OBS	00209 00220	04.74	34.770 34.810	27.54 27.59		1473.1							
	CBS	00228	04.70	34.810	27.58		1473.3							
	STD	00228	04.50	34.80	27.60	00-204	1472.8							
	OBS	00251	04.49	34.800	27.6C	00.204	1472.8							
	OBS	00276	04.33	34.860	27.66		1472.6							
	STD	00300	04.42	34.85	27.64	00.229	1473.4							
	085	00300	04.42	34.854	27.64		1473.4							
	OBS	00346	04.16	34.860	27.68		1473.0							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0080 LAT 47 00.5N LONG 046 44.8W	MONT	1974 H 05 01 11-2	BOTOP 01134 SHIP EV DATA USE 1 AREM 05	MET I		DIR 31 SEA CL/T		WIND-DIR WIND-SPD WIND-FOR WEATHER	09	TRACE DURAT	DIR	CORDER D 00.4	5 2	N SQ 1306 SQUARE 4 SQUARE 66 SQUARE 76
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	N03	\$103	PH
	STD	00000	- 0.45	33.07	26.59	00.000	1444.5							
11.2	08S 08S	00001	- 0.45 - 0.46	33.070	26.59		1444.6							
	STD	00010	- 0.44	33.076 33.07	26.59	00.015	1444.6							
	OBS	00011	- 0.44	33.080	26.60	00.015	1444.8							
	STD	00020	- C.13	33-14	26.64	00.029	1446.4							
	08S 08S	00020	- 0.04	33.180	26.66		1446.9							
	085	00024	00.46 0C.84	33.440	20.82 26.82		1449.6							
	STD	00030	00.76	33.49	26.87	90.042	1451.4							
	CBS	00034	00.61	33.590	26.96	******	1450.7							
	OBS	00040	00.62	33.620	26.98		1450.9							
	OBS STD	00043	01.10 01.63	33.80¢ 33.91	27.10	00 047	1453.3							
	CBS	00053	01.76	33.930	27.15 27.16	00.063	1455.9							
	085	00057	01.78	33.930	27.15		1456.8							
	OBS	00062	01.14	33.950	27.21		1454.0							
	OBS OBS	00066	01.55 01.60	33.980	27.21		1456.0							
	OBS	00074	01.30	33.960	27.21 27.21		1456.2 1455.0							
	STD	00075	01.20	34-06	27.30	00.085	1454.7							
	OBS	00076	01.11	34.170	27.39		1454.4							
	OBS OBS	00081	01.56	34.190	27.38		1456.6							
	STD	00100	03.18	34.430	27.44 27.46	00.102	1464.1							
	OBS	00102	02.95	34.450	27.47	00.102	1463.3							
	085	00116	03.05	34.520	27.52		1464.1							
	STD OBS	00125	02.85	34.52	27.54	00.117	1463.4							
	OBS	00127	02.80	34.520	27.54 27.55		1463.2							
	085	00137	03.48	34.610	27.55		1466.4							
	085	00140	03.60	34.670	27.59		1467-0							
	OBS STD	00146	04.45	34.770 34.77	27.58	00 121	1470.8							
	OBS	00161	04.42	34.790	27.58 27.60	00.131	1470.8							
	085	00175	04.56	34.810	27.60		1471.8							
	STD	00200	04-55	34.88	27.65	00.156	1472.3							
	OBS OBS	00201	04.54 04.49	34.880	27.65 27.65		1472.3							
	085	00232	02.51	34.676	27.65		1472-1							
	085	00245	02.94	34.710	27.68		1466.0							
	DBS	00250	03.05	34.73	27.69	00.179	1466.6							
	085	00268	03.30 03.47	34.760 34.776	27.69 27.68		1467.9							
	OBS	00276	03.84	34.820	27.68		1468.7 1470.5							
	STD	00300	03.47	34.78	27.69	00.201	1469.3							
	OBS OBS	00300	03.47	34.780	27-69		1469.3							
	085	00376	04.22	34.800 34.88u	27.67 27.69		1470.9 1473.8							
	STD	00400	04.27	34.86	27.67	00.247	1474.4							
	085	00401	04-27	34.860	27.67		1474.4							
	OBS STD	00451	04-25	34.870	27.68	00 204	1475.2							
	085	00500	04.22	34.88 34.880	27.69 27.69	00.294	1475.9 1475.9							
	085	00550	03.93	34.880	27.72		1475.5							
	STD	00600	02.84	34.88	27.73	00.339	1475.9							
	OBS OBS	00603 00651	03.84 03.88	34.880 34.890	27.73 27.73		1476.0							
	STD	00700	03.75	34.88	27.74	00.382	1477.0							
	OBS	00700	03.75	34.880	27.74	,,,,,,,,	1477.2							
	OBS	00750	03.73	34.880	27.74		1478.0							
	085	00800	03.68 03.68	34.87 34.87¢	27.74 27.74	00.425	1478.6							
	DBS	00850	03.63	34.876	27.74		1479.2							
	STD	00900	03.61	34.87	27.74	00.469	1479.9							
	08S	00900 00953	03.61	34.876	27.74		1479.9							
	STD	01000	03.56 03.52	34.86C 34.87	27.74 27.75	00.513	1480.6							
	OBS	01001	03.52	34.870	27.75	-3.713	1481.2							
	085	01020	03.52	34.870	27.75		1481.6							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSEC LAT LONG	47	8370 0081 00.0N 58.0W	MONT	1974 H 05 01 13.2	BOTOP 01156 SHIP EV DATA USE 1 AREA 05	BARC	TEMP 06.0 BULB 04.2 METR 1018.3 D T/A	DIR F 28 SEA CL/TF	IGT PER 2 3	WIND-DIR WIND-SPD WIND-FOR WEATHER	03	TRACI		5	N SQ 1306 SQUARE 4 SQUARE 66 SQUARE 76
CAST	TNUH/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DXY G	P04	TOT P	NO2 NO3	£012	РН
			STD	00000	- 1.01	33.09	26.63	00.000	1442.0						
		13.2	OBS	00003	- 1-01	33.090	26.63		1442.0						
			OBS	00009	- 1.03	33.080	26.62		1442.0						
			STD	00010	- 1.05	33.08	26.62	00.014	1441.9						
			OBS STD	00011	- 1.10	33.087	26.63	00 000	1441.7						
			OBS	00020	- 1.15 - 1.15	33.09 33.090	26.63 26.63	00.028	1441.6						
			STD	00030	- 1.17	33.09	26.64	00.043	1441.7						
			OBS	00030	- 1.17	33.095	26.64		1441.7						
			085	00041	- 1.33	33.150	26.69		1441.2						
			OBS	00045	- 1.57	33.287	26.80		1440 -4						
			STD	00050	- 1.48	33.38	26.87	00.069	1441.0						
			OBS	00051	- 1.45	33.400	26.89		1441.2						
			OBS	00060	- 1.32	33.510	26.98		1442.1						
			OBS STD	00066	- 1.05 - 0.77	33.577	27.02	00 005	1443.6						
			085	00079	₹ 0.62	33.68 33.730	27.09 27.13	00.095	1445.1						
			STD	00100	- 0.07	33.92	27.26	00.118	1449.1						
			OBS	00100	- 0.04	33.930	27.27	000110	1449.3						
			STO	00125	00.86	34.18	27.42	00.137	1454.1						
			OBS	00125	00.87	34.183	27.42		1454.2						
			STD	00150	01.09	34.30	27.50	00.152	1455.7						
			085	00150	01.09	34.305	27.50		1455.7						
			OBS	00175	01.30	34.347	27.52		1457.2						
			OBS	00198	01-83	34.450	27.57		1460.0						
			STD OBS	00200	01.88	34.45	27.56	00.181	1460.3						
			OB\$	00226	02.02 02.14	34.460 34.53G	27.56 27.61		1461.0						
			STO	00250	02.24	34.54	27.60	00.207	1462.0						
			OBS	00251	02.25	34.540	27.61	000201	1462.9						
			OBS	00283	02.45	34.610	27.64		1464.4						
			STD	00300	02.60	34.64	27.65	00.231	1465.3						
			OBS	00300	02.61	34.640	27.65		1465.4						
			OBS	00350	02.86	34.670	27.66		1467.3						
			STO	00400	03.44	34.80	27.70	00.276	1470.8						
			OBS	00401	03-45	34.800	27.70		1470.9						
			OBS STD	00451	03.77	34.860 34.85	27.72		1473.1						
			085	00506	03.82	34.850	27.71 27.71	00-320	1474-1						
			OBS	00552	03.93	34.870	27.71		1474.2						
			STD	00600	03.95	34.88	27.72	00.364	1476.4						
			085	00603	03.95	34.880	27.72	000304	1476.4						
			085	00651	03.90	34.885	27.73		1477.0						
			STD	00700	03.89	34.89	27.73	00.409	1477 .8						
			OBS	00700	03.89	34.890	27.73		1477.8						
			OBS	00750	03.81	34.880	27.73		1478.3						
			STD	00800	03.79	34.88	27.73	00.453	1479.0						
			OBS OBS	00803 00850	03.79	34.880	27.73		1479-1						
			STD	00900	03.75	34.870	27.73	00 400	1479.7						
			OBS	00900	03.72 03.72	34.87 34.870	27.73 27.73	00.498	1480.4						
			085	00951	03.66	34.863	27.73		1480.4 1481.0						
			STD	01000	03.63	34.86	27.73	00.543	1481.7						
			OBS	01001	03.63	34.860	27.73	VV0 273	1481.7						
			OBS	01027	03.59	34.860	27.74		1482.0						

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID 31 8370 CONSEC 0082 LAT 47 00.0N LONG 047 13.5M	0082 MONTH 05 00.0N DAY 01		BOTOP 00665 SHIP EV DATA USE I AREA 05	AIR TEMP 03.5 WET BULB 02.5 BAROMETR 1018.9 CLGUD T/A				WIND-DIR WIND-SPD WIND-FOR WEATHER	06			00 • 2	D 5 SQUARE 4		
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SAD VEL	GXY G	P04	TGT P	NO2	NO3	\$103	РН	
	STD	00000	- 1.03	32.94	26.51	00.000	1441.7								
15.5	OBS	00003	- 1.03	32.940	26.51		1441.7								
2202	085	00009	- 1.32	32.940	26.52		1440-4								
	STD	00010	- 1.32	32.93	26.51	00.015	1440 -4								
	OBS	00011	- 1.33	32.920	26.50		1440-4								
	STD	00020	- 1.41	32.94	26.52	00.031	1440.2								
	OBS	00020	- 1.41	32.940	26.52		1440.2								
	STO	00030	- 1.42	32.94	26.52	00.046	1440.3								
	OBS	00030	- 1.42	32.940	26.52		1440.3								
	STO	00050	- 1.59	33.26	26.78	00.074									
	OBS-	00051	- 1.60	33.276	26.79		1440.3								
	085	00072	- 1.67	33.290	26.81		1440.3								
	STD	00075	- 1.65	33.37	26.87	00.104	1440.6								
	DBS	00076	- 1.64	33.400	26.90		1440.7								
	OBS	00087	- 1.42	33.500	26.97		1442.1								
	OBS	00091	- 1.17	33.510	26.97		1443.3								
	STO	00100	- 0.98	33.60	27.04	00.132	1444.5								
	OBS	00100	- 0.96	33.610	27.05		1444-6								
	STD	00125	- 0.42	33.77	27.15	00.156	1447.7								
	OBS	00125	- 0.41	33.770	27.15		1447.8								
	STD	00150	00.17	33.93	27.25	00.178									
	OBS	00152	00.22	33.940	27.26	000110	1451.3								
	085	00175	00-65	34.090	27.36		1453.9								
	STD	00200	01.05	34.17	27.40	00.216									
	OBS	00201	01.08	34.180	27.40	******	1456.4								
	OBS	00226	01.37	34.310	27.49		1458.3								
	STD	00250	01.75	34.41	27.54	00.248	1460.5								
	DBS	00251	01.77	34.410	27.54	0002.0	1460.6								
	OBS	00276	02.00	34.460	27.56		1462.1								
	STD	00300	02.20	34.53	27.60	00.275									
	OBS	00300	02.21	34.530	27.60	000213	1463.5								
	085	00316	02.38	34.530	27.59		1464.5								
	OBS	00350	02.66	34.630	27.64		1466.4								
	STD	00400	02.78	34.66	27.65	00.324	1467.8								
	OBS	00403	02.79	34.660	27.65	001321	1467.9								
	DBS	00453	02.98	34.680	27.65		1469.6								
	STD	00500	03.11	34.67	27.63	00.373									
	OBS	00500	03.11	34.670	27.63	3003.3	1470.9								
	OBS	00555	03.75	34.870	27.73		1474.8								
	STD	00600	03.84	34.87	27.72	00.420									
	OBS	00601	03.84	34.870	27.72	200 120	1475.9								
	OBS	00651	03.72	34.880	27.74		1476.3								
	OBS	00662	03.72	34.880	27.74		1476.5								
					2										

TEN SQ 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 77 BOTDP 00234 SHIP EV DATA USE 1 AREA 05 YEAR 1974 MONTH 05 DAY 01 AIR TEMP 01.8 WET BULB 01.0 BAROMETR 1017.8 DIR HGT PER 33 2 3 SEA REFID CONSEC 31 8370 0083 INST STD RECORDER
TRACE DIR WIND-DIR 03 WIND-SPD 12 WIND-FOR 47 00. ON 00. E DURATION 00. ORIG 011 5730016 LONG HOUR 16.8 CLGUD T/A CL/TR WEATHER 047 23.5W CASTNUM/TIME LVLTYP DEPTH TEMP SAL SIGMA-T DYNOPTH SND VEL OXYG P04 TOT P NO2 NO3 \$103 PH - 0.71 - 0.71 - 0.94 - 0.97 - 1.03 26.60 26.60 26.59 26.59 STD 00000 33.07 33.070 1443.3 16.8 OBS 00003 085 00009 33-040 1442.4 1442.3 STD 00010 33.05 33.070 00.014 1442.0 1441.9 1441.9 OBS 00011 26.61 - 1.09 - 1.10 00020 33.08 26.62 STD 00.029 085 - 1.10 - 1.14 - 1.40 - 1.42 - 1.73 - 1.72 STD 00030 33.09 26.63 00.043 OBS 00030 33.090 26.63 26.68 1441.8 1441.0 STD 00050 00.071 33.150 33.280 DBS 26.69 00051 OBS 00068 STD 26.81 26.82 1440-1 00075 33.30 00.103 - 1.72 - 1.59 - 1.49 1440 .2 1441 .4 1442 .0 00076 33.300 OBS STD OBS 00100 33.44 26.93 26.97 00.133 - 1.23 - 0.52 - 0.40 - 0.24 085 00108 33.620 33.63 27.06 1443.5 STO 00.160 00125 1447-1 33.640 33.76 1447.7 00129 27.05 27.14 STD 00150 00.184 - 0.24 00.01 33.830 27.18 27.24 27.24 OBS 00175 1450.6 STD 00200 00.229 1452-7 OBS 00201 00.37 33.930 1452.8 00215 00.39 33.940 27.25 1453.2

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0084 LAT 46 59.2N LONG 047 45.0H	YEAR 1974 MONTH 05 DAY 01 HOUR 18.4	BOTDP 00174 SHIP EV DATA USE 1 AREA 05	AIR TEMP 01.8 WET BULB 00.9 BARDMETR 1018.6 CLUUD T/A	DIR HGT PER 33 3 3 SEA CL/TR	WIND+DIR OS WIND-SPD 10 WIND+FOR WEATHER X1	INST STD RECORDER TRACE DIR D DURATION 00-1 CRIG 011 5740016	TEN SQ 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 67
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNDPTH SND VEL	OXY G PO4	TOT P NO2 NO3	\$103 PH
18-4	\$TD 00000 DB\$ 00001 \$TD 00010 OB\$ 00001 \$TD 00020 DB\$ 00020 DB\$ 00022 STD 00030 OB\$ 00030 \$TD 00050 OB\$ 00075 OB\$ 00075 OB\$ 00085 OOSTD 00075 OB\$ 00100 OB\$ 00100 OB\$ 00100 OB\$ 00125 OB\$ 00125 OB\$ 00137 STD 00150 OB\$ 00137 STD 00150 OB\$ 00137	- 0.08 - 0.08 - 0.22 - 0.38 - 0.38 - 0.39 - 0.40 - C.43 - 0.44 - 0.46 - 1.03 - 1.49 - 1.48 - 1.49 - 1.48 - 1.09 - 1.03 - 0.98 - 0.75 - 0.75	32.95 26.48 32.95 26.48 32.95 26.48 32.95 26.49 32.94 26.49 32.94 26.48 32.94 26.49 32.94 26.49 32.94 26.49 32.94 26.49 32.94 26.49 32.94 26.49 33.06 33.12 26.66 33.240 26.61 33.22 26.66 33.240 26.79 33.28 26.94 33.480 26.94 33.480 26.94 33.480 26.93	00.000 1446.1 1446.1 1446.1 1446.1 1445.6 1445.5 00.031 1445.0 1445.0 1445.0 1444.9 1444.9 00.078 1445.2 1445.2 1445.2 1445.2 1445.2 1441.8 1441.7 00.178 1441.6 1441.6 1441.6 1444.5 1444.5 1444.5 1444.5	DATG PUT	TOT P NUZ NUS	5103 PH
REFID 31 8370 CONSEC 0085 LAT 47 00.0N LONG 048 00.0W	YEAR 1974 MONTH 05 DAY 01 HOUR 19.6	BOTOP GO137 SHIP EV DATA USE I AREA 05	AIR TEMP 01.8 WEI BULB 00.9 BAROMETR 1018.5 CLGUD T/A	DIR HGT PER 33 3 3 SEA CL/TR	WIND-DIR 05 WIND-SPO 10 WIND-FOR WEATHER X1	INST STD RECORDER TRACE DIR DURATION 00-1 CRIG 011 57>0016	
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNOPTH SND VEL	OXYG PO4	TOT P NO2 NO3	S103 PH
19.6	STD 00000 OBS 00000 STD 00010 OBS 00021 STD 00020 OBS 00022 STD 00030 STD 00050 OBS 00050 OBS 00070 STD 00075 OBS 00085 OBS 00095 STD 00075 STD 00075 OBS 00095 OBS 00095 OBS 00095 OBS 00100 STD 00129 OBS 00133	- 0.38 - 0.39 - 0.40 - 0.43 - 0.44 - 0.46 - 1.01 - 1.14 - 1.37 - 1.49 - 1.48 - 1.48 - 1.09	32.95 26.48 32.950 26.48 32.950 26.49 32.950 26.49 32.940 26.49 32.940 26.48 32.940 26.49 32.940 26.49 32.940 26.49 32.940 26.49 32.940 26.49 33.060 26.60 33.120 26.66 33.120 26.66 33.240 26.76 33.27 26.79 33.47 26.94 33.480 26.94	00.000 1446.1 1446.1 00.016 1445.5 00.031 1455.0 1445.9 1445.9 00.047 1444.9 00.078 1445.2 1445.2 1445.2 1445.2 1445.2 1441.7 1441.7 1441.7 00.149 1441.6 1441.7 00.178 1444.8			
REFID 31 8370 CONSEC 0086 LAT 47 00.0N LONG 048 22.2W	YEAR 1974 MONTH 05 DAY 01 HOUR 21.8	BOTDP 00113 SHIP EV DATA USE 1 AREA 05	AIR TEMP 00.9 WET BULB 00.3 BAKCMETR 1017.1 CLUD T/A	DIR HGT PER 26 1 2 SEA CL/TR	WIND-DIR 32 WIND-SPD 07 WIND-FOR WEATHER XI	INST STD RECORDER TRACE DIR DURATION 00.1 CRIG 011 576	
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNDPTH SNO VEL	GXY G PO 4	TOT P NO2 NO3	\$103 PH
21.8	STD 00000 08S 00000 STD 00010 08S 00011 08S 00013 STD 00020 08S 00020 STD 00030 STD 00050 08S 00075 08S 00075 08S 00075 08S 00076 08S 00100 08S 00100	- 0.15 - 0.15 - 0.19 - 0.19 - 0.19 - 0.37 - 0.38 - 0.40 - 0.56 - 1.10 - 1.15 - 1.46 - 1.46 - 1.48 - 1.46	32.94 26.47 32.94 26.48 32.94 26.48 32.940 26.48 32.940 26.48 32.95 26.49 32.95 26.49 32.95 26.49 32.95 26.49 32.95 26.49 32.95 26.60 33.070 26.62 33.24 26.76 33.240 26.76 33.250 26.77 33.260 26.78	0C-000 1445.7 1445.7 00.016 1445.7 1445.7 1445.8 00.031 1445.0 1445.0 00.047 1445.1 00.076 1444.7 1442.7 1442.7 1441.7 1441.7 1441.7			

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8 CONSEC C LAT 47 00 LONG 048 40	0087	MONT	1974 H 05 01 23-2	BOTDP 00097 SHIP EV DATA USE 1 AREA 05	AIR T WET 8 BARDH CLGUD	ULB 00.5 ETR 1016.1		GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	08	TRA	T STO CE DI ATION G Oll	1	ORDER 00.1	5	N SQ 130 SQUARE SQUARE 6 SQUARE 7	4 58
CASTNUM/T	INE	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P0 4	TOT	PN	02	N03	\$103	PH	
		***	00000	0.30	22.04	24 60	00.000	1445.2									
		STO	00000	- 0.28	32.96 32.960	26.50 26.50	00.000	1445.2									
2.	3.2	OBS	00000	- 0.28 - 0.26	32.94	26.48	00.016										
		CBS	00011	- 0.26	32.940	26.48	00.010	1445.4									
		STD	00020	- 0.39	32.95	26.49	00.031	1445.0									
		OBS	00020	- 0.40	32.950	26.49	00:031	1444.9									
		STD	00030	- 0.42	32.96	26.50	00-047										
		OBS	00030	- 0.42	32.960	26.50	0000 11	1445.0									
		STD	00050	- 0.45	32.96	26.50	00.077	1445.2									
		OBS	00051	- 0.47	32.960	26.50		1445.1									
		STD	00075	- 1.20	33.07	26.62	00-114	1442.3									
		085	00076	- 1.23	33.080	26.63		1442.2									
		OBS	00083	- 1.41	33.140	26.68		1441.5									
		085	00091	- 1.39	33.150	26.69		1441.8									
						****	******	•									
		MONT	1974 H 05 02 00-4	BOTDP 00090 SHIP EV DATA USE 1 AREA 05	AIR 1 WET E BARON GLCUE	ULB 03.6 METR 1015.2		GT PER Q X	WIND-DIR WIND-SPD WIND-FOR WEATHER	05	TRA	CE D	I R	CRDER D 00-1	5 2	EN SQ 13 SQUARE SQUARE SQUARE	4 68
CASTNUM/TI	ME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXYG	P04	TOT	Ρ	NO2	NO3	\$103	РН	
		STD	00000	- 0.25	32.94	26.48	00.000	1445.3									
0.0	.4	OBS	00001	- 0.25	32.940	26.48	00.000	1445.3									
00		OBS	00007	- 0.24	32.930	26.47		1445.4									
		STD	00010	- 0.25	32.94	26-48	00-016	1445.5									
		OBS	00011	- 0.25	32.940	26.48		1445.5									
		STD	06020	- 0.28	32.93	26.47	00.031	1445.4									
		OBS	00020	- 0.29	32.930	26.47		1445.4									
		STD	00030	- 0.41	32.94	26.48	00-047	1445.0									
		OBS	00030	- 0.42	32.940	26.49		1445.0									
		STO	00050	- 0.57	32.95	26.50	00.078	1444.6									
		OBS	00051	- 0.60	32.960	26.51		1444.5									
		OBS	00074	- 1.42	33.140	26.68		1441.3									
		STD	00075	- 1.42	33.14	26.68	00.114	1441-4									
		OBS	00076	- 1.41	33.150	26.69		1441 - 4									
		OBS	00083	- 1.42	33.160	26.70		1441.5									

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

	8370 0089 04.2N	MONT	1974 H 06 09	BOTDP C4068 SHIP EV DATA USE 1 AREA 05	AIR WET BAKO CLOU	TEMP 11.5 BULB 08.2 METR 1009.1 D T/A	DIR H 22 SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	15	TRACE DURAT		00.4	5	N SQ 1301 SQUARE I SQUARE OG SQUARE 10
CASTNUM	VTIHE	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
		STD	00000	18.58	36.41	26.12	00.000	1521.0							
	02.1	OBS	00007	18.98	36.410	26.12		1521.1							
		STD	00010	18.97	36.41	26.12	00.019	1521-1							
		OBS	00011	18.57	36.413	26.13		1521 -1							
		/STD OBS	00020	18.59 18.59	36.41 36.40>	26.12	00.038	1521.3							
		STD	00030	16.99	36.40	26.11 26.11	00.057	1521.5							
		CBS	00032	18.99	36.397	26-11		1521.5							
		STD	00050	18.99	36.38	26.10	00.096	1521.8							
		OBS	00051	18.98	36.380	26.10		1521.8							
		OBS STD	00064	18.82 18.35	36.360 36.28	26.12 26.18	00-144	1521.5							
		OBS	00076	18.31	36.275	26.19	000211	1520.2							
		STD	00100	17.87	36.37	26.37	00.188	1519.4							
		OBS	00102	17.82	36.380	26.39		1519.3							
		STD	00125	17.39	36.27	26.41	00.230	1518.3 1518.3							
		OBS OBS	00125	17.39 17.44	36.270 36.37u	20.41		1518.8							
		OB 5	00148	17.26	36.372	26.52		1518.4							
		STD	00150	17.28	36.37	26.52	00.271	1518.5							
		OBS	00150	17.28	36.370	26.51		1518.5							
		OBS STD	00175	17.06 16.85	36.390 36.36	26.58	00.348	1518.3 1518.0							
•		OB\$	00201	16.83	36.360	26.62	004340	1518.0							
		OBS	00228	16.48	36.260	26.62		1517.3							
		OBS	00236	15.70	36.040	26.63		1514.7							
		OBS	00250 00251	15.31 15.25	35.94 35.940	26.65 26.65	00.422	1513.6 1513.6							
		GBS	00276	15.51	36.050	26.68		1514.8							
		OBS	00281	15.42	36.070	26.72		1514.6							
		OBS	00289	14.94	35.915	26.71		1513.1							
		STO	00300	14.70	35.89 35.873	26.74	00.494	1512.5 1512.4							
		OBS	00312	14.70	35.926	26.76		1512.7							
		OBS	00316	14.51	35.86>	26.76		1512.1							
		OBS	00340	14.59	35.920	26.79		1512.8							
		08S 08S	00346	14.36	35.840	26.78		1512.1							
		OBS	00348 00352	14.32 13.91	35.830 35.726	26.78 26.78		1512.0							
		STO	00400	13.33	35.70	26.89	00.629	1509.4							
		OBS	00401	13.30	35.706	26.89		1509.3							
		OBS OBS	00428	12.76 12.46	35.67u 35.590	26.98 26.98		1507.9 1506.9							
		OBS	00453	12.09	35.526	26.99		1505.9							
		OBS	00474	11.64	35.470	27.04		1504 .6							
		STD	00500	10.71	35.34	27.11	00.747	1501.6							
		OBS OBS	00500 00506	10.70	35.342 35.333	27.11		1501.6							
		OBS	00519	10.25	35.225	27-10		1500.1							
		OBS	00525	10.22	35.230	27.11		1500.1							
		OBS	00531	09.96	35.240	27.17		1499.3							
		08 S 08 S	00534 00542	05-86 05-58	35.245 35.17C	27.19 27.18		1499.0 1458.0							
		OBS	00550	09.40	35.160	27.20		1497.4							
		STD	00600	08.44	35.13	27.33	00.845	1494 .4							
		OBS	00601	08-41	35.120	27.33		1494.5							
		08S	00616	08.11 07.73	35.04G	27.31 27.40		1493.5 1492.7							
		STD	00700	06.94	35.03	27.47	00.925	1490.4							
		OBS	00700	06.93	35.030	27.47		1490.3							
		085	00750	06.44	35.030	27.54	00 003	1489 . 2							
		STD OBS	00800	06.02 05.98	35.02 35.020	27.59 27.59	00.993	1488.4							
		OBS	00822	05.83	35.030	27.62		1488.0							
		OBS	00837	06.07	35.080	27.63		1489.3							
		OBS	00850	05.76	35.04¢	27.64		1488.2							
		STD	00900	05.37 05.35	35.03 35.030	27.68 27.68	01.051	1487.4 1487.4							
		08S 08S	00902	05.19	34.990	27.67		1487.1							
		OBS	00951	05.03	35.010	27.70		1486.9							
		OBS	00999	04.78	34.990	27.71		1486.6							
		STD OBS	01000	04.79 04.80	34.99 34.990	27.71 27.71	01.103	1486.7							
		085	01018	04.78	34.996	27.72		1486.9							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0090 LAT 41 28.6N LONG 050 18.7M	MONT DAY	1974 H 06 09 05.7	BOTOP 03709 SHIP EV DATA USE I AREA 05	WET E			GT PER 3 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	15	TR AC E	STD REC DIR ION 011 580	ORDER D 00.4	5	N SQ 1 SQUARE SQUARE SQUARE	00
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH	
	STD	00000	14.93	35-33	26.26	00.000	1507.6								
05.7	280	00001	14.93 14.92	35.330 35.33	26.26 26.26	00.018	1507.6 1507.7								
	STD	00010	14.92	35.335	26.27	00.010	1507.7								
	STO	00020	14.96	35.36	26.27	00.035	1508.0								
	OBS	00020	14.97	35-360	26-27		1508.1								
	OBS	00028	15.10	35.372	26.26		1508.6								
	STD	00030	14.99	35.37	26.28	00.053	1508.3								
	OBS OBS	00038	14.39 14.25	35.365 35.500	26.40 26.54		1506.5								
	OBS	00045	14.45	35.590	26.56		1507.1								
	OBS	00049	14.47	35.590	26.56		1507.2								
	STD	00050	14.50	35.60	26.56	480.00	1507.4								
	OBS	00055	14.78	35.707	26.5€		1508.5								
	OBS	00072	14.95	35.815	26.63	00.122	1509 .4								
	STD OBS	00075	14.59	35.72 35.696	26.64	00.122	1507.8								
	STD	00100	14.35	35.66	26.64	00.158	1507.8								
	OBS	00100	14.34	35.66C	26.64		1507.7								
	STD	00125	14.03	35.71	26.75	00.193									
	OBS	00125	14.02	35.710	26.75		1507.2								
	OBS	00127	14.03	35.702	26.74		1507.2								
	OBS STD	00131	13.82 13.76	35.635 35.60	26.73 26.72	00.227	1506.5								
	085	00154	13.73	35.550	26.72	001227	1506.6								
	085	00177	13.48	35.580	26.76		1506.1								
	STD	00200	13.21	35.59	26.82	00.294	1505.6								
	OBS	10200	13.19	35.590	26.83		1505.5								
	08 S S T D	00228	12.92 13.05	35.510 35.56	26.82 26.83	00.358	1505.0								
	OBS	00255	13.08	35.570	26.84	000370	1506.0								
	OBS	00262	12.83	35.585	26.90		1505.3								
	085	00268	12.59	35.510	26.89		1504.5								
	OBS	00276	12.45	35.510	26.92		1504.2								
	STD	00300	11.79	35.39	26.95	00.420									
	08S 08S	00306	11.60	35.370 35.320	26.97 27.08		1501.6								
	OBS	00354	11-12	35.377	27.07		1500.7								
	OBS	00392	10.24	35.240	27.12		1498.0								
	STO	00400	10.11	35.23	27.13	00.531	1497.7								
	OBS	00401	10.09	35.225	27.13		1497.6								
	08S 08S	00407	10.01 09.02	35.240 35.150	27.16 27.25		1497.4								
	STD	00500	08.15	35.14	27.38	00.623	1491.9								
	OBS	00500	08.14	35.140	27.38		1491.9								
	OBS	00529	07.88	35.125	27.41		1491.3								
	085	00550	07.49	35.030	27.39	00 101	1490.0								
	OBS	00600	07.29 07.27	35.16 35.160	27.52 27.53	00.696	1490.2								
	085	00630	06.85	35.120	27.55		1489.0								
	OBS	00658	06.44	35.040	27.55		1487.7								
	STD	00700	05.77	34.99	27.60	00.760	1485.7								
	085	00700	05.76	34.990	27.60		1485.6								
	085	00750	05.58	35.046	27.66	00 014	1485.8								
	CBS	00805	05.06 05.03	34.99 34.985	27.68 27.68	00.816	1484.4								
	085	00833	04.97	34.980	27.68		1484.6								
	OBS	00850	04.90	34.990	27.70		1484.6								
	STD	00900	04.78	34.99	27.71	00.866	1485.0								
	OBS OBS	00902	04.78	34.990 34.990	27.71 27.72		1485.0								
	OBS	00982	04.71	34.980	27.73		1485.5								
	STD	01000	04.62	35.00	27.74	00.915	1486.0								
	OB\$	01003	04.63	35.000	27.74		1486 - 1								
	OBS	01022	04.67	35.010	27.74		1486.6								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

		8370 0091 48.2N 21.0W	MON1 DAY	1974 TH 06 09 1 08-9	BOTDP 0365 SHIP EV DATA USE 1 AREA 05	WET BARC	TEMP 10.3 BULB 09.3 DMETR 1010.5 DD T/A	28	IGT PER 2 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	15	TRACE DURAT		00.4	5 2	EN SQ 1307 SQUARE 1 SQUARE 00 SQUARE 10
c	ASTNUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P04	TOT P	NO2	KON	\$103	PH
			STD	00000	13.30	34.90	26.28	00.000	1501.8							
		08.9	OBS STD	00005	13.30	34.903	26.28		1501.8							
			085	00010	13.31	34.91 34.910	26.28 26.28	00-018	1501.9 1502.0							
			OBS	00017	13.41	35.013	26.34		1502.5							
			STD	00020	14.28	35.32	26.39	00.035	1505.8							
			OBS STD	00022	15.00	35.576	26.43	00.051	1508.5							
			STD	00050	15.20 15.48	35.60 35.70	26.40 * 26.42	00.051	1509.3 1510.6							
			085	00051	15.48	35.710	26.43	008004	1510.6							
			STD	00075	15.21	35.91	26.64	00.122	1510.4							
			OBS STD	00076 00100	15.20 15.16	35.910 35.92	26.65 26.66	00.158	1510.4							
			085	00100	15.15	35.920	26.66	00.156	1510.7 1510.6							
			085	00121	14.55	35.835	26.73		1509.0							
			STD OBS	00125 00127	14.39	35.78	26.73	00.192	1508.5							
			STO	00150	14.28	35.750 35.70	26.72 26.74	00.226	1508.1 1507.7							
			OBS	00152	14.02	35.700	26.74		1507.6							
			OBS	00159	14.18	35.730	26.73		1508.3							
			OBS OBS	00177 00180	14-04	35.717 35.700	26.75 26.75		1508.1							
			085	00184	13.75	35.703	26.80		1508.0 1507.3							
			085	00190	13.29	35.582	26.80		1505.7							
			STD OBS	00200	13.25	35.58	26.81	00.293	1505.7							
			085	00203 00228	13.23	35.583 35.590	26.82 26.84		1505.7 1505.9							
			STD	00250	12.29	35.72	26.91	00.356	1506.8							
			OBS	00251	13.30	35.730	26.91		1506.9							
			OBS OBS	00258 00276	13.16 12.26	35.700	26.92		1506.5							
			STD	00300	11.82	35.520 35.53	26.96 27.05	00.414	1503.5							
			OBS	00300	11.80	35.53C	27.06	004424	1502.4							
			085	00302	11.74	35.503	27 - 05		1502.2							
			OBS OBS	00308 00310	11.22 11.19	35.370 35.380	27.04 27.06		1500.3 1500.2							
			OBS	00321	10.91	35.373	27.10		1499.4							
			OBS	00340	10.53	35.320	27.13		1498.3							
			08 S 08 S	00356 00388	10.13	35.220	27.12		1497-0							
			OBS	00395	09.70 09.43	35.236 35.170	27.20 27.20		1496.0 1495.0							
			STD	00400	09.31	35.16	27.21	00.516	1494.6							
			085	00401	09.26	35.150	27.21		1494.5							
			OBS	00451	08.45 08.29	35.140 35.120	27.33 27.34		1492 - 2							
			OBS	00472	07.93	35.036	27.33		1491.8							
			OBS	00494	07.46	35.030	27.40		1489.0							
			OBS	00500 00504	07.03	34.93	27.38	00.603	1487.3							
			OBS	00506	06.71 06.59	34.880 34.870	27.38		1486.0							
			OBS	00519	05.52	34.720	27.41		1481.3							
			OBS	00523	05-42	34.690	27.40		1480.9							
			08S 08S	00531 00540	05.09 05.98	34.690 34.900	27.44 27.50		1479.7							
			085	00548	06.37	34.990	27.52		1483.8							
			OBS	00550	06.37	34.990	27.52		1485.6							
			OBS OBS	00565 00582	06.35 05.28	35.01G 34.830	27.54		1485.8							
			OBS	00588	05.27	34.830	27.53 27.53		1481.5							
			085	00599	04-61	34.785	27.57		1479.0							
			STD	00600	04.62	34.79	27.57	00.672	1479.0							
			08S 08S	00603 00635	04.67 04.37	34.800 34.820	27.58		1479.3							
			085	00645	04.45	34.815	27.63 27.61		1478.6							
			OBS	00652	04.75	34.885	27.63		1480.6							
			OBS STD	00683	04.92	34.910	27.63		1481.8							
			085	00700 00706	05.12 05.17	34.99 35.017	27.68 27.69	00.727	1483.0							
			085	00753	05.22	35.037	27.70		1484.4							
			STD	00800	05.02	35.02	27.71	00.777	1484.3							
			085 085	00801 00850	05.01 04.84	35.020 35.035	27.71 27.74		1484.3							
			085	00864		34.990	27.74		1484.5							
			STD	00900	04.34	34.98	27.76	00.824	1483.1							
			OBS OBS	00904 00953		34.980	27.76		1483.2							
			STD	01000		34.990 35.02	27.76 27.74	00.870	1484.2							
			085	01003		35.020										
			OBS	01020		35.040	27.74 27.76		1486.7							

TABLE I. CGC EVERGREEN, April-June 1974—(Continued)

	8370 0092 09.5N 20.0W	YEAR MONTI DAY HOUR	1 06	BOTDP 03180 SHIP EV DATA USE 1 AREA 05	AIR 1 WET E BARON CLOUD	ULB 07.0 ETR 1010.2		GT PER 3 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	12	TR AC E		00 • 4	5 2	N SQ 130 SQUARE SQUARE 2 SQUARE 2	20
CASTNUM	/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	OXYG	P04	TOT P	NO2	N03	\$103	PH	
		STD	00000	08.33	33.65	26.18	00.000	1482.4								
	12.2	OBS STD	00001	08.33 08.27	33.646 33.66	26.18 26.20	00.018	1482.5								
		085	00011	08.27	33.660	26.20		1482.4								
		STO OBS	00020	08.28 08.28	33.68 33.687	26.22 26.22	00.037	1482.6 1482.7								
		OBS	00026	08.43	33.765	26.26		1483.4								
		STD OBS	00030	08.77 09.12	33.82 33.903	26.25 26.26	00.055	1484.8								
		OBS	00040	09.17	33.950	26.29		1486.6								
		OBS STD	00047	07.75 07.73	33.650 33.64	26.27	00.090	1481.0 1480.9								
		OBS	00051	07.64	33.640	26.28		1480.6								
		OBS OBS	00060	05.48 03.00	33.565 33.310	26.51 26.56		1472.1 1461.4								
		085	00070	03.27	33.450	26.65		1462.8								
		OBS STD	00074	04.78 04.78	33.650 33.65	26.65 26.65	00.130	1469.5								
		OBS	00079	04.81	33.640	26.64		1469.7 1491.2								
		OBS STD	00085	09.94 12.07	34.700 35.21	26.75 26.76	00.164									
		085 085	00102	12.16 11.08	35.240 35.030	26.76 26.80		1500 .0 1496 .2								
		OBS	00119	10.99	35.030	26.82		1495.9								
		08S 08S	00121	11.73 11.79	35.240 35.285	26.85 26.87		1498.8 1499.1								
		STD	00125	11.76	35.27	26.86	00.196	1499.0								
		OBS OBS	00129	11.56 11.42	35.230 35.230	26.87 26.90		1498.4								
		OBS	00137	10.59	35.070	26.92		1494.9								
		OBS GBS	00140	10.31 10.19	35.020 34.990	26.93 26.93		1493.8								
		085	00148	09.81	34.910	26.93		1492.0								
		STD	00150 00158	08.71 04.40	34.71 33.990	26.96 26.96	00.225	1467.7								
		085	00173	03.30	34.075	27.14		1465.5								
		OBS STD	00177	03.80 03.86	34.135	27.14 27.13	00 279	1467.8								
		OBS	00200 00203	03.87	34.13 34.130	27.13	00.218	1468.5								
		OBS	00209	03.88	34.140 34.197	27.14		1468.6								
		OBS OBS	00215	04.22	34.200	27.15 27.14		1470.2								
		08S 08S	00224	03.86 03.83	34.140 34.130	27.14 27.13		1468.8 1468.7								
		OBS	00239	03.79	34.120	27.13		1468.7								
		OBS STD	00249 00250	02-40	33.980 33.98	27.15 27.15	00.325	1462.7								
		OBS	00253	02.40	33.985	27.15	004323	1462.8								
		OBS OBS	00257 00268	02.25	33.990 33.900	27.17 27.17		1462.2								
		085	00279	01.68	33.980	27.20		1460.1								
		OBS STD	00287	01.68 02.04	34.010 34.13	27.23 27.30	00.369	1462.2								
		CBS	00300	02.07	34.140	27.30	000307	1462.3								
		08S 08S	00310	02.54	34.185 34.210	27.30 27.30		1464.6								
		OBS	00319	04.06	34.450	27.36		1471.6								
		OBS OBS	00321	04.15 05.78	34.460 34.690	27.36 27.36		1472.1								
		OBS	00344	05.53	34.650	27.36		1478.4								
		OBS OBS	00359 00369	03.22 03.38	34.320 34.350	27.34 27.35		1468.5								
		OBS	00384	05.85	34.840	27.47		1480.6								
		08S 08S	00386 00394		34.830 35.040	27.45 27.47		1481.0								
		STD	00400	07.02	35.03	27.46	00.443	1485.7								
		OBS OBS	00403 00416		35.030 35.135	27.46 27.52		1485.5						•		
		OBS	00439	06.36	35.020	27.54		1483.8								
		08 S 08 S	00453 00462		35.010 35.000	27.55 27.56		1483.4								
		OBS	00474	05.31	34.880	27.56		1479.9								
		STD OBS	00500		34.83 34.830	27.61 27.61	00.505	1477.3 1477.3								
		OBS	00552	04.76	34.890	27.64		1479.0								
		OBS STD	00565 00600	05.06 05.17	34.945 35.00	27.65 27.68	00.557	1480.5 1481.6								
		G8 S	10900	05.17	35.000	27.68		1481.6								
		STD OBS	00700	05.42 05.42	35.04 35.040	27.68 27.68	00.608	1484.3								
		OBS	00750	05.21	35.020	27.69		1484.3								
		STD OBS	00800	05.07 05.06	35.04 35.040	27.72 27.72	00.658	1484.5								
		OBS	00850	04.85	35.020	27.73		1484.5								
		STO	00900	04.80	35.01 35.010	27.73 27.73	00.706	1485.1								
			00951	04.63	35.040	27.77										
		DBS						1485.3								
		STO	01000	04.47	35.01 35.010	27.76 27.76	00.753									

CASTNUMTINE LICENTY 087H	REFID 31 8370 CONSEC 0093 LAT 42 23.5N LONG 050 19.0M	MONT	1974 H 06 09 15-1	BOTDP 02633 SHIP EV DATA USE I AREA 05	AIR WET I BARDI CLGUI	BULB 09.3 METR 1006.0	DIR + 00 SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	12	TRACE DURAT		00.5	5 2	N SQ 13 SQUARE SQUARE SQUARE	20
15-1 085 00000 00-00 33-00 20-00 30-	CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	v03	\$103	PH	
STO 00010 07.88 33.85 30.25 00.2014 140.10							00.000									
STO COURT	. 15.1			07.89			00.018									
OBS				07.88		26.25	00.034	1480.9								
CBS		OBS	00020	07.90	33.640	26.24										
CRES CORDA CRES CRE						26.25	00.054									
Cols		DBS	00036	07.70	33.606	26.24		1480.5								
CBS																
Cold		OBS	00047	06.44	33.830	26.59		1476 -1								
OBS							00.086									
Coling																
CBS		OBS	00062	09.11	34.547	26.77		1487.6								
085																
085 00078 07.91 34.460 26.90		085	00074	07.95	34-440	26.86		1483.2								
085 00093 00.81 29.062 28.08 1.591.2 STO 00102 09.48 25.180 27.01 085 00110 10.44 25.180 27.03 085 00110 10.44 25.180 27.03 085 00112 10.42 25.180 27.03 085 00127 10.27 35.18 27.03 085 00128 10.18 10.18 27.03 085 00129 10.20 35.160 27.03 085 00129 10.20 35.160 27.03 085 00130 00129 10.20 35.160 27.03 085 00130 00.48 35.180 27.00 085 00130 00.48 35.180 27.00 085 00130 00.50 07.33 35.180 27.00 085 00150 07.70 34.680 27.00 085 00150 07.70 34.680 27.10 085 00150 07.70 34.680 27.10 085 00150 07.73 34.680 27.10 085 00150 07.73 34.680 27.10 085 00150 07.70 34.680 27.10 085 00150 07.70 34.680 27.10 085 00150 07.70 34.680 27.10 085 00150 07.70 34.680 27.10 085 00150 07.70 34.680 27.10 085 00150 07.70 34.680 27.10 085 00150 07.70 34.680 27.10 085 00150 07.70 34.680 27.10 085 00150 07.70 34.680 27.10 085 00150 07.70 34.680 27.10 085 00150 07.70 34.680 27.10 085 00150 07.70 34.680 27.10 085 00200 07.70 34.680 27.10 085 00200 07.70 34.680 27.10 085 00210 07.70 34.680 27.10 085 00210 07.70 34.680 27.10 085 00210 07.70 34.680 27.10 085 00211 07.70 34.680 27.10 085 00211 07.70 34.680 27.10 085 00211 07.70 34.680 27.10 085 00211 07.70 34.680 27.10 085 00211 07.70 34.680 27.10 085 00211 07.70 34.680 27.10 085 00211 07.70 34.680 27.10 085 00211 07.70 34.680 27.10 085 00211 07.70 34.680 27.10 085 00211 07.70 34.680 27.10 085 00211 07.70 34.680 27.10 085 00210 07.70 34.680 27.10 085 00210 07.70 34.680 27.10 085 00210 07.70 34.680 27.10 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34.680 27.27 085 00210 07.70 34		DBS				26.90	00.119									
STID 001.00 00.9-94 35.03 27.01 00.146 1491.9 1492.10 1492																
OBS		STD	00100	09.94	35.03	27.01	00-148	1491.9								
085 00112 10.42 35.17c 27.03 1.99.0 1																
STD 00129 10.37 35.18 27.06 14.79.4 14		085	00112	10.42	35-17C	27.03		1494.0								
085 00135 09.94 3 35.140 271.09 1.992.6 087 00140 07.33 35.020 271.10 0.00.00 1.490.0 085 00150 07.55 34.672 271.10 1.483.3 085 00150 07.55 34.672 271.11 1.483.3 085 001517 06.15 34.680 271.15 1.482.3 085 00171 06.15 34.680 271.16 1.482.3 085 00171 06.15 34.680 271.16 1.482.3 085 00171 06.15 34.680 271.16 1.482.3 085 00171 06.15 34.680 271.16 1.482.3 085 00170 07.10 34.77 0.00.00 1.480.0		STD	00125			27.05	00.174									
Bos																
OBS O0150 O770 O84.680 O77.09 1483.5		OBS	00142	09.33	35.020	27.10		1490.3								
085 0015 07.55 34.672 27.11 1482.3 085 00159 07.26 34.672 27.14 1482.3 085 00159 07.26 34.672 27.14 1482.3 085 00159 07.65 34.672 27.18 1481.0 085 00159 07.67 35.050 27.18 1489.0 085 00201 08.73 35.050 27.20 00.246 1489.0 085 00201 08.73 35.050 27.20 00.246 1489.0 085 00210 08.73 35.050 27.20 00.246 1489.0 085 00210 07.70 34.870 27.20 1485.7 085 00225 07.60 34.900 27.25 1485.7 085 00251 07.71 34.871 27.24 00.294 1485.7 085 00251 07.72 34.870 27.20 1485.7 085 00276 07.46 34.910 27.27 1486.1 085 00276 07.46 34.910 27.27 1486.1 085 00281 07.49 34.955 27.31 1486.1 085 00281 07.49 34.955 27.31 1486.1 085 00281 07.49 34.955 27.31 1486.2 085 00281 07.49 34.955 27.31 1486.2 085 00281 07.49 34.955 27.31 1486.2 085 00281 07.49 34.955 27.31 1486.2 085 00281 07.49 34.955 27.31 1486.2 085 00281 07.49 34.955 27.31 1486.2 085 00281 07.49 34.955 27.31 1486.2 085 00281 07.49 34.955 27.31 1486.2 085 00281 07.49 34.955 27.31 1486.2 085 00281 07.49 34.955 27.34 0.335 1478.6 085 00382 00.49 34.69 34.69 27.37 1486.2 085 00383 00.49 34.685 27.40 1481.2 085 00384 06.42 34.890 27.44 0.335 1478.6 085 00385 00.40 07.8 34.62 27.35 1478.6 085 00385 00.40 07.8 34.62 27.35 1478.6 085 00385 00.40 07.8 34.62 27.35 1478.6 085 00385 00.40 07.8 34.62 27.35 1489.9 085 00385 00.40 07.8 34.62 27.40 1481.7 085 00386 00.40 07.8 34.62 27.35 1489.9 085 00401 07.8 34.62 27.40 1481.7 085 00401 07.8 34.62 27.40 1481.7 085 00401 07.8 34.62 27.40 1481.7 085 00401 07.8 34.62 27.40 1481.7 085 00401 07.8 34.62 27.40 1481.7 085 00401 07.8 34.62 27.40 1481.7 085 00401 07.8 34.62 27.40 1481.7 085 00401 07.8 34.62 34.69 27.40 1481.7 085 00401 07.8 34.62 34.69 27.40 1481.7 085 00401 07.8 34.62 34.69 27.40 1481.7 085 00401 07.8 34.62 34.69 27.40 1481.7 085 00500 07.4 34.60 27.7 34 1481.4 085 00401 07.8 34.60 27.7 34 1481.4 085 00401 07.8 34.60 27.7 34 1481.4 085 00401 07.8 34.60 27.7 34 1481.4 085 00401 07.8 34.60 27.7 34 1481.4 085 00401 07.8 34.60 27.7 34 1481.4 085 00401 07.8 34.60 27.7 34 1481.4 085 00401 07.8 34.60 27.7 34 1481.4 085 00401 07.8 34.60 27.7 34 148							00.200									
085 0015 0c. 6c 3 - 3c. 5c 27.17 1461.2 085 00171 0c. 15 3c. 5c 27.18 1481.0 085 00180 0c. 77.3 35.02.2 27.20 0c. 246 085 00201 0c. 73 35.02.2 27.20 0c. 246 085 00201 0c. 73 35.02.2 27.20 1489.0 085 00201 0c. 73 35.02.2 27.20 1489.0 085 00201 0c. 75 35.02 27.20 1489.0 085 00215 0c. 75 35.02 27.21 1489.0 085 00215 0c. 75 34.993 27.11 1489.1 085 00215 0c. 75 34.993 27.12 1489.7 085 00251 0r. 71 34.97 27.24 1485.7 085 00251 0r. 71 34.97 27.24 1485.7 085 00251 0r. 71 34.993 27.27 1485.3 085 00268 0r. 75 34.860 27.27 1485.3 085 00280 0r. 71 35.02 27.27 1485.3 085 00281 0r. 71 34.995 27.21 1485.3 085 00281 0r. 71 35.02 27.23 1485.3 085 00283 0r. 84 34.990 27.31 1487.3 085 00280 0r. 71 35.02 27.32 1487.3 085 00280 0r. 71 35.02 27.33 1487.3 085 00280 0r. 71 35.02 27.33 1487.3 085 00312 0c. 32 34.990 27.31 1487.1 085 00312 0c. 32 34.990 27.31 1487.1 085 00312 0c. 32 34.990 27.37 1481.2 085 00313 0c. 33 34.840 27.33 1477.0 085 00314 0c. 32 34.990 27.37 1481.2 085 00316 0r. 70 34.660 27.33 1477.0 085 00316 0r. 70 34.660 27.33 1477.0 085 00316 0r. 70 34.660 27.34 1481.2 085 00316 0r. 70 34.660 27.34 1481.2 085 00316 0r. 70 34.660 27.35 1481.2 085 00317 0r. 70 34.660 27.35 1481.2 085 00318 0r.		OBS	00156	07.55	34.675	27.11		1483.3								
085 00171 00.451 34.650 27.16 1481.0 085 00176 02.74 33.02.2 27.20 00.248 1489.0 085 00207 08.50 34.992 27.21 1489.0 085 00215 08.05 34.986 27.19 1489.7 085 00226 07.80 34.900 27.25 1489.7 085 00226 07.80 34.900 27.25 1489.7 085 00227 07.70 34.900 27.25 1489.7 085 00276 07.60 34.900 27.27 1489.7 085 00276 07.60 34.900 27.27 1489.7 085 00276 07.60 34.900 27.27 1489.7 085 00276 07.60 34.900 27.27 1489.7 085 00276 07.60 34.900 27.27 1489.7 085 00276 07.60 34.900 27.27 1489.7 085 00276 07.60 34.900 27.27 1489.7 085 00276 07.61 34.900 27.27 1489.7 085 00278 07.61 34.900 27.27 1489.7 085 00279 07.81 34.900 27.27 1489.7 085 00230 07.61 34.900 27.27 1489.7 085 00230 07.61 34.900 27.27 1489.7 085 00230 07.81 34.900 27.31 1489.7 085 00230 07.57 34.70 27.34 1489.7 085 00230 07.81 34.900 27.37 1489.7 085 00230 07.81 34.900 27.37 1489.7 085 00230 07.81 34.900 27.31 1489.7 085 00230 07.81 34.900 27.31 1489.7 085 00230 07.81 34.900 27.31 1489.7 085 00230 07.81 34.900 27.31 1489.7 085 00230 07.82 34.820 27.34 1479.6 085 00330 07.82 34.820 27.34 1479.6 085 00331 08.22 34.820 27.35 1479.0 085 00331 08.22 34.820 27.35 1479.0 085 00333 08.20 34.820 27.35 1479.0 085 00334 08.20 34.820 27.35 1479.0 085 00336 07.60 34.820 27.35 1479.0 085 00346 08.29 34.820 27.36 1479.0 085 00346 08.40 33.820 27.40 1489.9 085 00346 08.40 33.820 27.40 1489.9 085 00401 07.87 34.810 27.45 04.40 1489.9 085 00401 07.87 34.810 27.45 04.40 1489.9 085 00401 07.87 34.810 27.45 04.40 1489.9 085 00401 07.87 34.810 27.45 04.40 1489.9 085 00404 08.48 35.040 27.45 1489.9 085 00404 08.49 35.030 27.54 1489.9 085 00404 08.49 35.030 27.54 1489.9 085 00404 08.49 35.030 27.54 1489.9 085 00404 08.49 35.030 27.76 1489.9 085 00404 08.49 35.030 27.76 1489.9 085 00404 08.49 35.030 27.76 1489.9 085 00409 08.40 34.80 37.00 27.54 1489.9 085 00409 08.40 34.80 37.00 27.50 1489.9 085 00409 08.40 34.80 27.77 1489.9 085 00409 08.40 34.80 27.77 1489.9 085 00409 08.40 34.80 27.77 1489.9 085 00409 08.40 34.80 27.77 1489.9 085 00409 08.40 34.80 27.77 1489.9 085 00409 08.40 34.80 27.70 2																
\$10 00200				06.51		27.18										
085 00201 08.73 35.036 27.20 1489.0 085 00207 08.05 34.993 27.21 1489.0 085 00208 07.71 34.870 27.25 1485.7 085 00250 07.71 34.870 27.25 1485.7 085 00251 07.70 34.870 27.25 1485.7 085 00251 07.70 34.870 27.24 1485.7 085 00268 07.52 34.880 27.27 1485.7 085 00268 07.52 34.880 27.27 1485.3 085 0027 07.62 34.890 27.27 1486.0 085 00281 07.67 34.870 27.23 1486.0 085 00281 07.67 34.890 27.31 1486.2 085 00282 07.67 34.890 27.31 1486.2 085 00283 05.76 34.680 27.32 1487.3 085 00283 05.76 34.680 27.32 1487.3 085 00280 05.75 34.680 27.37 1477.6 085 00312 06.22 34.790 27.37 1477.6 085 00312 06.22 34.790 27.37 1477.6 085 00313 05.39 34.680 27.37 1477.6 085 00313 05.39 34.680 27.37 1477.6 085 00352 06.29 34.680 27.37 1477.6 085 00352 06.29 34.680 27.37 1477.6 085 00352 06.29 34.680 27.37 1477.6 085 00352 06.29 34.680 27.37 1477.6 085 00352 06.29 34.680 27.37 1477.6 085 00352 06.29 34.680 27.37 1477.6 085 00352 06.29 34.680 27.37 1477.6 085 00352 06.29 34.680 27.45 1488.1 085 00352 06.60 35.89 34.680 27.37 1477.6 085 00352 06.60 35.89 34.680 27.37 1477.6 085 00352 06.60 35.89 34.680 27.45 1488.1 085 00352 06.60 35.89 34.680 27.37 1477.6 085 00352 06.29 34.690 27.45 1488.3 085 00352 06.60 35.89 34.890 27.45 1488.3 085 00460 06.29 34.890 27.45 1488.3 085 00460 06.29 34.890 27.45 1488.3 085 00460 06.29 34.890 27.45 1488.3 085 00460 06.29 34.890 27.45 1488.3 085 00460 06.29 34.890 27.45 1488.4 085 00460 06.49 35.000 27.59 1485.5 085 00460 06.49 35.000 27.59 1485.5 085 00460 06.40 35.13 34.90 27.60 06.40 34.890 27.45 1485.5 085 00460 06.40 35.13 34.90 27.60 06.40 34.890 27.45 1485.5 085 00460 06.40 35.10 36.90 27.60 06.40 36.		STD	00200	C8.73	35.03	27.20	00.248									
OBS OD215 OB. 05 34.886 27.19 1486.5 OBS OD226 O7.70 34.960 27.25 OD254 OD255 OD254 OD255 OD254 OD255 OD254 OD255 OD254 OD255 OD				00.73	35.036											
\$10 00250 07.71 34.87 27.24 00.294 1485.7 085 00251 07.70 34.880 27.27 1485.3 085 00272 07.70 34.880 27.27 1485.3 085 00272 07.70 34.800 27.26 1486.1 085 00272 07.84 34.900 27.32 1486.0 085 00273 07.84 34.900 27.32 1487.3 085 00293 07.84 34.990 27.31 1487.1 085 00293 07.84 34.990 27.31 1487.1 085 00293 07.84 34.990 27.34 1487.3 085 00293 07.84 34.990 27.37 1485.6 \$10 00300 05.77 34.060 27.37 1485.6 085 00312 06.32 34.790 27.37 1481.2 085 00312 06.32 34.790 27.37 1481.2 085 00313 05.70 34.663 27.37 1481.2 085 00313 05.70 34.663 27.37 1481.2 085 00313 05.70 34.663 27.37 1481.2 085 00313 05.70 34.663 27.37 1481.2 085 00314 05.70 34.663 27.37 1481.2 085 00315 05.70 34.663 27.37 1481.2 085 00315 05.70 34.663 27.37 1481.2 085 00316 05.70 34.663 27.37 1481.2 085 00317 05.80 34.830 27.40 1481.7 085 00352 00.29 34.830 27.40 1481.7 085 00352 00.29 34.830 27.40 1481.7 085 00352 00.29 34.830 27.45 1482.1 085 00407 05.87 34.802 27.45 1482.1 085 00407 05.87 34.802 27.45 1482.1 085 00407 05.87 34.802 27.45 1482.1 085 00407 05.83 34.830 27.45 1482.1 085 00407 05.83 34.830 27.45 1482.1 085 00407 05.83 34.830 27.45 1482.1 085 00407 05.83 34.830 27.45 1482.1 085 00407 05.83 34.830 27.45 1482.1 085 00407 05.83 34.830 27.45 1482.1 085 00407 05.83 34.830 27.45 1482.1 085 00407 05.83 34.830 27.45 1482.1 085 00407 05.83 34.830 27.45 1482.1 085 00407 05.83 34.830 27.45 1482.1 085 00407 05.83 34.830 27.46 1482.1 085 00407 05.83 34.830 27.46 1482.1 085 00407 06.83 35.000 27.55 1484.3 085 00407 06.63 35.000 27.56 1482.1 085 00407 06.63 35.000 27.56 1482.0 085 00407 06.64 35.000 27.56 1482.0 085 00407 06.65 35.120 27.56 1482.0 085 00407 06.65 35.120 27.56 1482.0 085 00407 06.65 35.120 27.56 1482.0 085 00407 06.65 35.000 27.75 1482.6 085 00408 00408 00408 35.000 27.60 085 00409 06.65 35.000 27.75 1482.6 085 00500 06.67 35.000 27.75 1482.6 085 00500 06.67 35.000 27.75 1482.6 085 00500 06.67 35.000 27.75 1482.6 085 00500 06.67 35.000 27.7		OBS	00215	08.05	34.886	27.19		1486.5								
085 00251 07.70 34.870 27.24 1485.7 085 00268 07.52 34.880 27.27 1485.3 085 00272 07.70 34.900 27.27 1485.3 085 00272 07.70 34.900 27.27 1485.3 085 00276 07.60 33.901 27.27 1486.0 085 00287 07.91 35.020 27.32 1488.0 085 00287 07.91 35.020 27.32 1487.3 085 00298 07.84 34.990 27.31 1487.3 085 00298 05.76 34.660 27.34 1487.3 085 00312 06.32 34.790 27.31 1487.6 085 00312 06.32 34.790 27.31 1487.6 085 00312 06.32 34.790 27.31 1487.6 085 00313 06.32 34.790 27.37 1481.2 085 00338 05.69 34.680 27.34 1477.6 085 00338 05.69 34.680 27.36 1477.6 085 00350 06.28 34.880 27.40 1481.7 085 00352 06.29 34.883 27.40 1481.7 085 00352 06.29 34.820 27.40 1481.7 085 00352 06.29 34.820 27.40 1481.8 085 00352 06.29 34.820 27.40 1481.8 085 00407 05.67 34.83 27.44 1480.9 085 00408 06.61 34.870 27.45 1480.9 085 00408 06.62 33.000 27.45 1480.9 085 00408 06.63 34.850 27.46 1480.9 085 00409 05.63 34.850 27.46 1480.9 085 00409 06.63 35.000 27.47 1482.1 085 00409 06.68 35.000 27.47 1482.1 085 00409 06.68 35.000 27.47 1482.1 085 00409 06.68 35.000 27.49 1485.5 085 00409 06.68 35.000 27.49 1485.5 085 00409 06.68 35.000 27.49 1485.5 085 00409 06.69 35.000 27.59 1482.7 085 00409 06.57 35.000 27.59 1482.7 085 00409 06.59 34.800 27.49 1485.5 085 00409 06.69 35.000 27.59 1482.7 085 00409 06.69 35.000 27.59 1482.7 085 00409 06.69 35.000 27.59 1482.7 085 00409 06.69 35.000 27.59 1482.7 085 00409 06.69 35.000 27.59 1482.7 085 00409 06.69 35.000 27.59 1482.7 085 00409 06.69 35.000 27.59 1482.7 085 00409 06.69 35.000 27.75 1483.4 085 00409 06.69 35.000 27.75 1483.4 085 00409 06.69 35.000 27.75 1483.4 085 00409 06.69 35.000 27.75 1483.4 085 00409 06.69 35.000 27.75 1483.4 085 00600 06.69 35.000 27.77 1483.4 085 00600 06.69 35.000 27.77 1483.4 085 00600 06.69 35.000 27.77 1483.4 085 00600 06.69 35.000 27.77 1483.4 085 00600 06.69 35.000 27.77 1483.4 085 00600 06.69 35.000 27.77 1483.4 085 00600 06.69 35.000 27.77 1483.4 085 00600 06.69 35.000 27.77 1483.4 085 00600 06.69 35.000 27.77 1483.4 085 00600 06							00.294									
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OBS OO281 O7.67 34.955 27.31 1486.2																
OBS 00287 07.91 35.020 27.32 1487.3 OBS 00298 05.76 34.990 27.34 1478.6 STD 00300 05.57 34.660 27.34 1478.6 OBS 00312 06.32 34.790 27.37 1481.2 OBS 00312 06.32 34.790 27.35 1476.6 OBS 00333 05.79 34.663 27.35 1476.6 OBS 00333 05.99 34.683 27.36 1479.0 OBS 00332 06.29 34.832 27.40 1481.8 OBS 00352 06.29 34.832 27.40 1481.8 OBS 00401 05.87 34.83 27.44 00.410 1481.8 OBS 00401 05.83 34.852 27.44 0480.9 1481.3 OBS 00407 05.83 34.850 27.44 0480.9 1481.3 OBS 00417 05.83 3																
OBS		OBS	00287	07.91	35.020	27.32		1487.3								
STD 00300 05.57 34.70 27.34 00.335 1479.5 085 00316 05.70 34.663 27.35 1478.5 085 00316 05.70 34.663 27.35 1478.6 085 00338 05.39 34.640 27.37 1477.6 085 00338 05.39 34.640 27.37 1477.6 085 00338 05.69 34.685 27.36 1479.0 085 00352 06.29 34.825 27.40 1481.7 085 00352 06.29 34.825 27.40 1481.8 085 00340 05.28 34.830 27.44 00.410 1482.1 085 00352 06.00 05.87 34.810 27.44 00.410 1482.1 085 00401 05.87 34.810 27.44 00.410 1482.1 085 00401 05.87 34.810 27.44 1480.9 085 00407 05.83 34.855 27.48 1480.9 085 00407 05.83 34.855 27.48 1480.9 085 00407 06.25 35.000 27.47 1482.1 085 00407 06.25 35.000 27.47 1482.1 085 00454 06.43 35.040 27.49 1485.4 085 00454 06.43 35.040 27.55 1486.3 085 00458 06.41 35.040 27.55 1486.3 085 00458 06.41 35.040 27.55 1486.3 085 00458 06.41 35.040 27.55 1486.3 085 00458 06.41 35.040 27.55 1486.3 085 00458 06.43 35.040 27.55 1486.3 085 00458 06.43 35.040 27.55 1486.3 085 00458 06.43 35.040 27.55 1486.3 085 00458 06.41 35.040 27.55 1486																
085 00316 05-70 34-663 27-35 1478-6 085 00333 05-39 34-604 27-37 1477-6 085 00336 05-69 34-685 27-36 1479-0 085 00346 06-28 34-830 27-40 1481-7 085 00352 06-29 34-825 27-40 1481-8 085 00397 06-16 34-87 27-45 STD 00400 05-87 34-83 27-44 00-410 1481-3 085 00401 05-87 34-83 27-44 00-410 1481-3 085 00401 05-83 34-855 27-48 1480-9 085 00401 05-83 34-855 27-48 1480-9 085 00413 06-10 34-890 27-47 1482-1 085 00447 06-25 35-000 27-54 1483-4 085 00447 06-25 35-000 27-54 1483-4 085 00456 06-43 35-030 27-55 14-88-3 085 00456 06-43 35-030 27-55 14-88-3 085 00462 06-66 35-120 27-58 14-85-5 085 00462 06-66 35-120 27-58 14-82-7 085 00469 05-87 35-010 27-59 14-82-7 085 00469 05-87 35-010 27-59 14-82-7 085 00460 05-87 35-010 27-59 14-82-7 085 00460 05-87 35-010 27-59 14-82-7 085 00460 05-87 35-010 27-59 14-82-7 085 00460 05-87 35-010 27-59 14-82-7 085 00460 05-87 35-010 27-59 14-82-7 085 00479 04-85 34-830 27-58 14-82-7 085 00500 05-13 34-94 27-63 00-471 14-79-7 085 00514 04-88 34-890 27-62 14-79-8 085 00500 05-14 34-940 27-65 34-90 00-471 14-79-7 085 00514 04-88 34-890 27-62 14-79-9 085 00500 05-13 34-94 27-63 14-79-8 085 00500 05-14 34-940 27-63 14-79-9 085 00500 05-13 34-94 27-63 14-79-8 085 00500 05-13 34-94 27-63 14-79-9 085 00500 05-13 34-94 27-63 14-79-9 085 00500 05-14 34-940 27-63 14-79-9 085 00500 05-13 34-90 27-66 14-77-9 085 00500 04-52 34-90 27-66 14-77-9 085 00500 04-52 34-90 27-66 14-77-9 085 00500 04-52 34-90 27-66 14-77-9 085 00500 04-52 34-90 27-67 14-81-6 085 00500 04-52 34-90 27-67 14-81-6 085 00500 04-67 35-030 27-77 14-81-6 085 00500 04-67 35-030 27-77 14-81-6 085 00500 04-67 35-030 27-77 14-81-6 085 00500 04-67 35-030 27-77 14-81-6 085 00500 04-67 35-030 27-77 14-81-6 085 00600 04-67 35-030 27-77 14-81-6 085 00600 04-67 35-030 27-77 14-81-6 085 00600 04-67 35-030 27-77 14-81-6 085 00800 04-83 35-040 27-75 00-617 14-83-6 085 00800 04-83 35-040 27-75 00-617 14-83-6 085 00800 04-83 35-040 27-75 00-617 14-83-6 085 00800 04-83 35-040 27-75 00-617 14-83-6 085 00900 04-67 35-030 27-77 14-85-6			00300	05.57	34.70	27.34	00.335	1479.5								
085 00346 05-69 34-685 27-36 1479.0 085 00352 06-29 34-830 27-40 1481.7 085 00352 06-29 34-825 27-40 1481.8 085 00352 06-29 34-825 27-40 1481.8 085 00397 06-16 34-870 27-45 1482.1 STD 00400 05-57 34-83 27-44 00-410 1481.3 085 00401 05-87 34-83 27-44 1480.9 085 00401 05-87 34-83 27-48 1480.9 085 00401 05-87 34-83 27-48 1480.9 085 00403 06-10 34-890 27-47 1482.1 085 00428 06-84 35-040 27-47 1483.4 085 00447 06-25 35-000 27-54 1483.4 085 00456 06-41 35-040 27-55 1484.3 085 00456 06-41 35-040 27-55 1484.3 085 00456 06-41 35-040 27-55 1484.3 085 00468 05-57 35-010 27-59 1482.7 085 00468 05-57 35-010 27-59 1482.7 085 00468 05-57 35-010 27-59 1482.7 085 00469 05-83 34-830 27-58 1485.5 085 00459 04-85 34-830 27-56 1478.1 STD 00500 05-13 34-94 27-63 00-471 1479-7 085 00504 04-80 34-890 27-66 1477-7 085 00504 04-80 34-890 27-66 1477-7 085 00504 04-80 34-890 27-66 1478.9 085 00592 04-67 34-900 27-66 1478.9 085 00592 04-67 34-900 27-66 1478.9 085 00592 04-67 34-900 27-66 00-523 1478.9 085 00592 04-67 34-900 27-66 00-523 1478.9 085 00592 04-67 34-900 27-66 00-523 1478.9 085 00592 04-67 35-030 27-66 00-523 1478.9 085 00500 04-52 34-900 27-66 00-523 1478.9 085 00500 04-55 34-900 27-66 00-523 1478.9 085 00500 04-57 34-900 27-66 00-523 1478.9 085 00592 04-67 35-030 27-77 1482.6 085 00592 04-67 35-030 27-77 1482.6 085 00600 04-67 35-030 27-77 1483.6 085 00803 04-83 35-040 27-77 1483.6 085 00803 04-83 35-040 27-77 1483.6 085 00803 04-83 35-040 27-77 1483.6 085 00800 04-67 35-030 27-77 1485.6 085 00900 04-67 35-030 27-77 1485.6		OBS	00316	05.70	34.663	27.35		1478.6								
OBS																
STD 00400 05.67 34.83 27.44 00.410 1481.3 1482.1 1482.1 1482.1 1482.1 1480.9		OBS	00346	06.28	34.830	27.40		1481-7								
08S 00401 05.87 34.810 27.48 1480.9 08S 00407 05.83 34.855 27.48 1480.9 08S 00413 06.10 34.890 27.47 1482.1 08S 00428 06.84 35.040 27.54 1483.4 08S 00457 06.25 35.000 27.54 1483.4 08S 00456 06.41 35.040 27.55 1484.3 08S 00456 06.41 35.040 27.55 1484.3 08S 00456 06.64 35.120 27.58 1482.7 08S 00468 05.97 35.010 27.59 1482.7 08S 00468 05.97 35.010 27.59 1482.7 08S 00500 05.13 34.94 27.58 1478.9 08S 00501 05.14 34.940 27.63 00.471 1479.7 08S 00517 04.88 34.890 27.62 1478.9 08S 00544 04.38 34.890 27.62 1478.9 08S 00552 04.67 34.900 27.66 1477.2 08S 00592 04.67 34.900 27.66 1477.2 08S 00600 04.55 34.90 27.66 00.523 1478.9 08S 00603 04.52 34.893 27.67 1478.8 08S 00603 04.52 34.893 27.67 1478.8 08S 00603 04.52 34.893 27.67 1478.8 08S 00603 04.52 34.900 27.60 00.523 1478.9 08S 00603 04.52 34.900 27.60 00.523 1478.9 08S 00603 04.52 34.900 27.60 00.523 1478.9 08S 00603 04.52 35.030 27.71 1479.4 08S 00603 04.99 35.030 27.72 1482.6 08S 00603 04.83 35.040 27.75 1482.6 08S 00700 04.99 35.030 27.77 1482.6 08S 00803 04.83 35.040 27.75 1482.6 08S 00803 04.83 35.040 27.75 1482.6 08S 00803 04.83 35.040 27.75 1483.6 08S 00800 04.67 35.030 27.77 1483.6 08S 00900 04.67 35.030 27.77 1485.1 STD 00900 04.67 35.030 27.77 1485.6 08S 00900 04.67 35.030 27.77 1485.1 STD 01000 04.51 35.020 27.77 1485.6																
OBS							00.410									
085 00428 06.84 35.040 27.49 1485.5 085 00447 06.25 35.000 27.54 1483.4 085 00454 06.43 35.030 27.54 1484.3 085 00456 06.41 35.040 27.55 1484.3 085 00462 06.66 35.120 27.58 1485.5 085 00468 05.57 35.010 27.59 1482.7 085 00468 05.57 35.010 27.59 1482.7 085 00500 05.13 34.94 27.63 00.471 1479.7 085 00500 05.14 34.940 27.63 1479.8 085 00500 05.14 34.940 27.63 1479.8 085 00500 05.14 34.890 27.62 1478.9 085 00504 04.38 34.880 27.62 1478.9 085 00544 04.38 34.880 27.62 1478.9 085 00592 04.67 34.900 27.66 1477.2 085 00592 04.67 34.900 27.66 1477.2 085 00603 04.55 34.90 27.66 00.523 1478.9 085 00604 04.95 34.90 27.66 00.523 1478.9 085 00604 04.94 35.014 27.71 1479.4 085 00604 04.99 35.03 27.72 00.571 1482.6 085 00751 04.99 35.03 27.72 00.571 1482.6 085 0080 04.83 35.040 27.75 1483.6 085 0080 04.83 35.040 27.75 1483.6 085 0080 04.83 35.040 27.75 1483.6 085 0080 04.83 35.040 27.75 1483.6 085 0080 04.83 35.040 27.75 1483.6 085 0080 04.83 35.040 27.75 1483.6 085 0080 04.83 35.040 27.75 1483.6 085 0080 04.83 35.040 27.75 1483.6 085 0080 04.83 35.040 27.75 1483.6 085 00900 04.67 35.030 27.77 1485.6 085 00901 04.51 35.02 27.77 1485.6		085	00407	05.83	34.855	27.48		1480.9								
085 00457 06.25 35.000 27.54 1483.4 085 00456 06.43 35.030 27.55 1484.3 085 00466 06.41 35.040 27.55 1485.5 085 00462 06.66 35.120 27.58 1485.5 085 00462 06.66 35.120 27.58 1485.5 085 00479 04.85 34.830 27.58 1478.1 STD 00500 05.13 34.94 27.63 00.471 1479.7 085 00500 05.14 34.940 27.63 14.78.9 085 00517 04.88 34.890 27.62 14.78.9 085 00554 04.38 34.870 27.66 14.77.2 085 00592 04.67 34.900 27.66 14.77.2 085 00600 04.55 34.90 27.66 14.77.2 085 00592 04.67 34.900 27.66 00.523 1478.9 085 00602 04.52 34.893 27.67 14.78.8 085 00662 04.56 34.950 27.71 14.79.4 085 00664 04.94 35.014 27.71 1481.7 STD 00700 04.99 35.03 27.72 00.571 1482.6 085 00702 04.99 35.030 27.72 1482.6 085 00803 04.83 35.040 27.75 1483.6 085 00803 04.83 35.040 27.75 1483.6 085 00800 04.67 35.030 27.75 1483.6 085 00800 04.67 35.030 27.75 1483.6 085 00800 04.67 35.030 27.75 1483.6 085 00800 04.67 35.030 27.75 1483.6 085 00800 04.67 35.030 27.75 1483.6 085 00900 04.67 35.030 27.77 1485.6 085 00900 04.67 35.030 27.77 1485.6 085 00900 04.67 35.030 27.77 1485.6 085 00900 04.67 35.030 27.77 1485.6																
OBS 00456 00.41 35.040 27.55 1444.3 OBS 00468 05.97 35.010 27.59 1482.7 OBS 00479 04.85 34.83u 27.50 1478.1 STD 00500 05.13 34.94 27.63 00.471 1479.7 OBS 00500 05.14 34.940 27.63 1479.8 OBS 00517 04.88 34.870 27.66 1477.2 OBS 00592 04.67 34.900 27.66 1477.2 OBS 00600 04.55 34.990 27.66 1479.3 STD 00600 04.55 34.893 27.67 1478.9 OBS 00603 04.52 34.893 27.67 1478.8 OBS 00604 04.94 35.01u 27.71 1479.4 OBS 00604 04.94 35.01u 27.71 1481.7 STD 00700 04.99 35.030 27.72 00.571 1482.6 OBS 00751 04.99 35.030 27.75 1482.6 OBS 00803 04.83 35.040 27.75 1483.6 OBS 00803 04.83 35.040 27.75 1483.6 OBS 00803 04.83 35.040 27.75 1483.6 OBS 00800 04.84 35.04 27.75 1483.6 OBS 00800 04.84 35.04 27.75 1483.6 OBS 00800 04.84 35.04 27.75 1483.6 OBS 00800 04.83 35.040 27.75 1483.6 OBS 00800 04.83 35.040 27.75 1483.6 OBS 00800 04.87 35.030 27.75 1483.6 OBS 00800 04.87 35.030 27.75 1483.6 OBS 00800 04.87 35.030 27.75 1483.6 OBS 00800 04.67 35.030 27.75 1485.6		OBS	00447	06.25	35.000	27.54		1483.4								
OBS 00468 05.67 35.010 27.59 1482.7 OBS 00479 04.85 34.83u 27.58 1478.1 STD 00500 05.13 34.94 27.63 00.471 1479.7 OBS 00500 05.14 34.940 27.63 1479.8 OBS 00517 04.88 34.890 27.62 1478.9 OBS 00592 04.67 34.900 27.66 1477.2 OBS 00592 04.67 34.900 27.66 1477.2 OBS 00600 04.55 34.90 27.66 00.523 1478.9 OBS 00603 04.52 34.893 27.67 1478.8 OBS 00604 04.94 35.01u 27.71 1479.4 OBS 00606 04.94 35.01u 27.71 1481.7 STD 00700 04.99 35.03 27.72 00.571 1482.6 OBS 00751 04.99 35.030 27.72 1482.6 OBS 00800 04.83 35.040 27.75 10.617 1483.6 OBS 00800 04.83 35.040 27.75 1483.6 OBS 00800 04.83 35.040 27.75 1483.6 OBS 00850 004.75 35.03 27.72 1483.6 OBS 00850 04.75 35.03 27.75 1483.6 OBS 00850 04.75 35.03 27.75 1483.6 OBS 00850 04.73 35.03 27.75 1485.6		OBS	00456	06.41	35.040	27.55		1484.3								
OBS			00462	06.66 05.57												
OBS		OBS	00479	04.85	34.83u	27.58	00 (71	1478.1								
OBS							00.471									
OBS 00592 04.67 34.900 27.66 1479.3 STD 00600 04.55 34.900 27.66 1478.9 OBS 00603 04.52 34.893 27.67 1478.8 OBS 00622 04.56 34.950 27.71 1479.4 OBS 00664 04.94 35.01 27.71 1481.7 STD 00700 04.99 35.03 27.72 00.571 1482.6 OBS 00751 04.99 35.030 27.72 1482.6 1483.6 OBS 00751 04.99 35.04 27.73 1483.6 1483.6 OBS 00800 04.84 35.04 27.75 00.617 1483.6 OBS 00850 04.72 35.030 27.75 1484.6 OBS 00900 04.67 35.030 27.75 1484.6 OBS 00900 04.67 35.030 27.76 00.663 1484.6 OBS 00		OBS	00517	04.88	34.890	27.62		1478.9								
OBS		OBS	00592	04-67	34.900	27.66		1479.3								
OBS 00622 04.56 34.950 27.71 1479.4 OBS 00664 04.94 35.01û 27.72 1482.6 OBS 00700 04.99 35.03 27.72 00.571 1482.6 OBS 00751 04.99 35.030 27.72 1482.6 OBS 00751 04.99 35.040 27.73 1483.4 STD 00800 04.84 35.04 27.75 00.617 1483.6 OBS 00803 04.83 35.040 27.75 1483.6 OBS 00803 04.72 35.030 27.75 1483.6 OBS 00805 04.72 35.030 27.75 1484.0 OBS 00807 04.67 35.03 27.76 00.663 1484.6 OBS 00900 04.67 35.03 27.76 00.663 1484.6 OBS 00901 04.58 35.030 27.77 1485.6 OBS 00951 04.58 35.030 27.77 1485.6 OBS 00951 04.58 35.030 27.77 1485.6							00.523									
STD 00700 04.99 35.03 27.72 00.571 1482.6 OBS 00702 04.99 35.030 27.72 1482.6 OBS 00751 04.99 35.040 27.73 1483.4 STD 00800 04.84 35.04 27.75 00.617 1483.6 OBS 00803 04.83 35.040 27.75 1483.6 OBS 00850 04.72 35.030 27.75 1484.0 STD 00900 04.67 35.03 27.76 00.663 1484.6 OBS 00900 04.67 35.03 27.76 1484.6 OBS 00901 04.58 35.030 27.77 1485.1 STD 01000 04.51 35.02 27.77 1485.6 OBS 01001 04.51 35.02 27.77 1485.6		OBS	00622	04.56	34.950	27.71		1479 - 4								
OBS 00702 04.99 35.030 27.72 1482.6 OBS 00751 04.99 35.040 27.73 1483.4 STD 00800 04.84 35.04 27.75 00.617 1483.6 OBS 00803 04.83 35.040 27.75 1483.6 OBS 00850 04.72 35.030 27.75 1483.6 STD 00900 04.67 35.03 27.76 00.663 1484.6 OBS 00900 04.67 35.03 27.76 00.663 1484.6 OBS 00901 04.51 35.02 27.77 1485.6 OBS 00901 04.51 35.02 27.77 1485.6		STD	00700	04.99			00.571									
STD 00800 04.84 35.04 27.75 00.617 1483.6 OBS 00803 04.83 35.040 27.75 1483.6 OBS 00850 04.72 35.030 27.75 1484.0 STD 00900 04.67 35.03 27.76 00.663 1484.6 OBS 00901 04.58 35.030 27.77 1485.1 STD 01000 04.51 35.02 27.77 1485.6 OBS 01001 04.51 35.02 27.77 1485.6		OBS	00702	04.99	35.030	27.72		1482.6								
OBS 00850 04.72 35.030 27.75 1484.0 STD 00900 04.67 35.030 27.76 00.663 1484.6 OBS 00901 04.67 35.030 27.76 1485.6 OBS 00951 04.58 35.030 27.77 1485.1 STD 01000 04.51 35.02 27.77 00.707 1485.6 OBS 01001 04.51 35.02 27.77 1485.6		STD	00800	04.84	35.04	27.75	00.617	1483.6								
STD 00900 04.67 35.03 27.76 00.663 1484.6 OBS 00900 04.67 35.030 27.76 1484.6 OBS 00951 04.58 35.030 27.77 1485.1 STD 01000 04.51 35.02 27.77 00.707 1485.6 OBS 01001 04.51 35.02 27.77 1485.6				04.83 04.72												
OBS 00951 04.58 35.030 27.77 1485.1 STD 01000 04.51 35.02 27.77 00.707 1485.6 OBS 01001 04.51 35.020 27.77 1485.6		STD	00900	04-67	35.03	27.76	00.663	1484.6								
STD 01000 04.51 35.02 27.77 00.707 1485.6 OBS 01001 04.51 35.020 27.77 1485.6		OBS	00951	04.58	35.030	27.77										
			01000	04.51	35.02	27.77	00.707	1485.6								
				04.49	35.020											

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0094 LAT 42 38.2N LONG 050 19.0W	MONTI	1974 1 06 09 17-2	BOTDP 01650 SHIP EV DATA USE 1 AREA 05	AIR 1 WET E BARON CLOUD	OULB 10.9 METR 1005.8	DIR H 14 SEA GL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	12	TR.	AC E	DIR	CORDER 00.6 40020	5 2	N SQ 1307 SQUARE 1 SQUARE 20 SQUARE 20)
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT	P	NO2	NO3.	\$103	PH	
	STD	00000	07.03	32.90	25.78	00.000	1476-4									
17.2	OBS	00001	07.03 07.06	32.900 33.060	25.78 25.91		1476.4									
	OBS	00007	07.64	33.36	26.06	00.021	1479.6									
	OBS	00011	07.89	33.480	26.12		1480.7									
	OBS	00015	08.26 08.17	33.560	26.13 26.17	00.040	1482.3 1482.1									
	STD OBS	00020	08.15	33.610	26.18		1482.0									
	OBS	00026	07.93	33.613	26.22	00.058	1481.3 1482.2									
	STD OBS	00030	08.09 08.13	33.77 33.780	26.31 26.32	00.076	1482.3									
	085	00032	08.30	33.800	26.31		1483.0									
	08 S	00034	07.76 07.73	33.730 33.730	26.33 26.34		1480.9 1480.9									
	085	00043	09.28	34.130	26.41		1487.3									
	085	00045	09.34	34-160	26.43 26.44	00.091	1487.6									
	STD OBS	00050	09.27 09.14	34.16 34.157	26.46	00.071	1487.0									
	280	00059	07.53	33.862	26.47		1480 .6									
	OBS OBS	00060	07.62 08.34	33.930 34.080	26.51 26.52		1481.1									
	OBS	00068	08.20	34.125	26.58		1483.7									
	085	00070	08.48	34.275 34.31	26.65 26.70	00.128	1485.0 1484.7									
	STD	00075	08.37 08.34	34.343	26.73	001120	1484.6									
	OBS	00078	08.65	34.410	26.73		1485.9									
	08S 08S	00079	08.73 09.00	34.440 34.510	26.74 26.75		1487.4									
	STD	00100	09.64	34.76	26.85	00.161	1450-4									
	OBS	00100	09.68	34.775	26.85 26.89		1490.6									
	OBS STD	00112	10.35 10.52	34.975 34.99	26.87	00.191	1494.3									
	085	00125	10.52	34.990	26.87		1494.3									
	STD OBS	00150	10.22 10.22	34.98 34.980	26.92 26.92	00-221	1493.6									
	OBS	00152	10.20	34.980	26.92		1493.6									
	085	00156	09.59	34.840	26.92 26.94		1491.2									
	OBS OBS	00165	09.03 08.40	34.750 34.635	26.95		1486.7									
	OBS	00173	08.32	34.660	26.98		1486.5									
	OBS	00180	09.44 09.56	34.950 34.990	27.03 27.04		1491.2									
	OBS OBS	00196	08.85	34.850	27.04		1489.2									
	STD	00200	08.78	34.84	27.04 27.04	00.278	1489.0 1488.9									
	OBS OBS	00201	08.77 08.77	34.830 34.860	27.07		1489.0									
	085	00209	09.73	35.100	27.10		1493.0									
	08S 08S	00211	09.73 10.07	35.100 35.200	27.10 27.12		1493.0 1494.4									
	OBS	00226	10.02	35.180	27.11		1494.4									
	STD	00250	09.39 09.36	35.12 35.120	27.17 27.17	00.328	1492.4									
	OBS OBS	00251 00272	08.88	35.100	27.24		1490.8									
	OBS	00289	08.37	34.990	27.23 27.32	00 272	1489.1 1487.3									
	STO	00300	07.85 07.82	35.00 35.000	27.32	00.313	1487.2									
	OBS	00304	07.71	34.985	27.33		1486 .8									
	OBS OBS	00316	07.03 06.10	34.860 34.740	27.32 27.36		1484.2									
	OBS	00323	06.01	34.740	27.37		1480 -1									
	08S 08S	00335 00352		34.645 34.650	27.38 27.40		1477.3									
	085	00386		34.750	27.49		1477.4									
	085	00397		34.650 34.68	27.49 27.51	00.445	1474.8									
	STD OBS	00400 00407		34.750	27.56	000113	1475.1									
	OBS	00451	04.49	34.800	27.60 27.64	00.502	1476.1 1474.7									
	STD OBS	00500 00500		34.79 34.790	27.65	00.502	1474.7									
	OBS	00552	03.61	34.760	27.66		1474.0 1475.1									
	STD OBS	00600		34.78 34.785	27.67 27.67	00.551	1475.2									
	OBS	00651	03.79	34.780	27.65	00.100	1476.4									
	STD	00700		34.83	27.69 27.69	00.600	1477.6									
	OBS OBS	00702 00750		34.83U 34.860	27.71		1478.6									
	STD	00800	03.91	34.84	27.69	00.648										
	08S 08S	00803		34.840 34.840	27.69 27.70		1479.5 1480.1									
	STD	00900	03.84	34.84	27.70	00.697	1480.9									
	08 S	00900		34.845 34.860	27.70 27.71		1480.9 1481.7									
	085	00997	03.82	34.870	27.72		1482.4									
	STD	01000	03.81	34.86 34.860	27.72 27.72	00.745	1482.4									
	085	01001		34.860	27.72		1482.6									
	OBS	01026		34.876	27.73		1482.8									

TABLE I. CGC EVERGREEN, April-June 1974—(Continued)

REFID CONSEC LAT LONG	42	8370 0095 44.5N 18.5W	DAY	1974 H 06 09 20-1	BOTOP 00921 SHIP EV DATA USE 1 AREA DS	AIR WET BARO CLOU	TEMP 08.8 BULB 08.6 METR 1002.4 D T/A	23		WIND-DIR WIND-SPD WIND-FOR WEATHER	04	TRAC	E DI		5	N SQ 1 SQUARE SQUARE SQUARE	20
CAS	THURV	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P04	TOT P	N	D2 NO3	\$103	PH	
			STD	00000	05.76	32.69	25.78	00.000	1471.1								
		20.1	OBS	00003	05.76	32.690	25.78		1471-1								
			OBS STD	00007	05.76 05.73	32.680 32.68	25.77 25.78	00.022	1471.2								
			085	00011	05-71	32.680	25.78	000022	1471.0								
			STD	00020	05.54	32.71	25.82	00.044	1470.5								
			08S 08S	00020	05.53 05.50	32.710	25.82		1470.5								
			085	00024	05.60	32.710 32.900	25.83 25.97		1470.4								
			OBS	00028	07.34	33.410	26.14		1478.8								
			STD	00030	07.43	33.45	26.16	00.065	1479.2								
			085 085	00030	07.47 07.89	33.460	26.16 26.21		1479.4								
			085	00036	06.73	33.400	26.22		1476.5								
			OBS	00038	06.23	33.560	26.41		1474.7								
			OBS OBS	00041	06.02	33.700	26.55		1474.1								
			STO	00050	10.61	34.720	26.65 26.66	00.097	1493.0								
			OBS	00053	11.15	34.910	26.70		1495.3								
			085	00057	10.74	34.824	26.70		1493.8								
			DBS DBS	00064	12.00	35-140	26.72		1498.7								
			STD	00075	12.14 12.39	35.210 35.27	26.74	00.132	1459.4								
			085	00076	12.44	35.280	26.74		1500.6								
			STD	00100	12.57	35.36	26.77	00.165	1501.5								
			085 085	00100	12.57	35.360	26.78		1501.5								
			085	00102	12.44	35.33C 35.230	26.78 26.78		1501.1								
			OBS	00112	11.59	35.140	26.79		1498.1								
			085	00118	11.63	35.210	26.84		1498.4								
			OBS	00121	12.29 12.27	35.426 35.41	26.88 26.88	00.196	1501.0								
			085	00125	12.26	35.410	26.88	00.196	1500.9								
			085	00135	12-14	35.376	26.87		1500.6								
			STD	00150	11.30	35.25	26.94	00.226	1497.8								
			085 085	00150	11.28 10.30	35.250 35.150	26.94 27.04		1497.7								
			OBS	00192	10.26	35.170	27.06		1494.7								
			DBS	00198	09.44	34.990	27.06		1491.6								
			STD	00200	09.04	34.91	27.06	00.281	1490.0								
			CBS	00201	C8.60 O8.79	34.860	27.06 27.09		1489.1								
			OBS	00211	07.99	34.730	27.08		1486.0								
			OBS	00218	07.91	34.740	27.10		1485.8								
			OBS OBS	00220	07.66 08.22	34.700	27.11		1484.8								
			OBS	00226	08.17	34.830	27.13 27.13		1487.2								
			OBS	00237	08.22	34.830	27.13		1487.4								
			085	00247	05.69	34.390	27.13		1477.1								
			OBS	00250	05.35 04.82	34.35 34.290	27.14 27.16	00.332	1475.7								
			085	00270	04.51	34.340	27.23		1473.5								
			085	00272	04.21	34.350	27.27		1471.3								
			085	00274	04-19	34.460	27.36		1471.4								
			085	00289	03.34 04.10	34.430 34.520	27.42 27.42		1467.9								
			OBS	00295	04.22	34.550	27.43		1472.0								
			STD	00300	03.96	34.55	27.45	00.373	1471.0								
			OBS	00300	03.95	34.550	27.46		1471.0								
			085	00335	04-40 04-51	34.770	27.51 27.57		1473.2								
			085	00350	03.99	34.710	27.58		1472.2								
			OBS	00356	03.92	34.690	27.57		1472.0								
			STD	00400	03.67 03.66	34.72	27.62	00.432	1471.7								
			OBS	00451	03.62	34.740	27.62 27.64		1471.7								
			STD	00500	03.65	34.76	27.65	00.482	1473.3								
			085	00500	03.65	34.760	27.65		1473.3								
			STD	00550	03.64	34.760	27.65	00 500	1474-1								
			085	00601	03.72 03.72	34.79 34.790	27.67 27.67	00.531	1475.3								
			280	00651	03.85	34.810	27.67		1476.7								
			STD	00700	03.94	34.83	27.68	00.580	1477.9								
			OBS	00700	03.94	34.830	27.68		1477.9								
			STD	00800	03.92 03.88	34.840	27.69 27.70	00.628	1478.7								
			OBS	00850	03.88	34.850	27.70	00.028	1480.2								
			OBS	00892	03.90	34.850	27.70		1461.0								
			STD	00900	03.90	34.85	27.70	00.677	1481.1								
			085	00900	03.90	34.850	27.70		1481.1								

	8370 0096 50.0N	YEAR MONTH DAY HOUR	06 09	BOTDP 00252 SHIP EV DATA USE 1 AREA 05	AIR T WET B BAROM CLGUD	ULB 07.5 ETR 1000.0	DIR H 23 SEA CL/TR	GT PER 1 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	04	TRAC DURA	STD REC E DIR TION 011 584	D €.00	5	N SQ 1307 SQUARE 1 SQUARE 20 SQUARE 20	
CASTNUM	/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	\$103	РН	
	22.0	STD	00000	05.29 05.29	32.51 32.510	25.69 25.69	00.000	1468.9								
	22.0	STD	00010	05.26	32.56	25.73 25.75	00.023	1469.0								
		OBS STD	00011	05.24 05.06	32.570 32.64	25.83	00.045	1468.4								
		OBS STD	00020	05.03	32.650 32.71	25.83 25.91	00.067	1468.3								
		OBS	00032	04.58	32.730	25.95 25.95		1466.8								
		08 S 08 S	00034	04.42	32.720	26.08		1464.6								
		08S	00045	03.18	33.020	26.31 26.31		1461.4								
		STD	00050	04.14	33.16 33.450	26.33	00.105	1465.8								
		OBS	00055	08.09	33.860	20.39		1482.7								
		OBS STD	00068	09.27	34.230 34.17	26.49	00.145	1487.8								
		OBS OBS	00076	08.84	34-160	26.51		1486.3 1485.0								
		085	00091	05.76	33.680	26.56		1473.9								
		OBS OBS	00093	05.26 04.46	33.600	26.56 26.59		1471.7								
		OBS STD	00097	04.20	33.540 33.56	26.63	00.182	1467.3								
		OBS	00100	03.19	33.580	26.76	******	1463.2								
		08 S 08 S	00102	02.52 02.38	33.640 33.740	26.86 26.96		1460.0								
		OBS STD	00123	03.78	33.930	26.98 26.99	00.212	1466.5								
		OBS	00139	05.48	34.180	26.99		1474.2 1472.5								
		OBS OBS	00142	04.05	33.97C	26.98		1468.1								
		STD OBS	00150	03.72	33.99	27.04 27.04	00.239	1466.8 1466.8								
		OBS OBS	00152	03.72	34.040	27.07 27.08		1466.9								
		08 S	00159	04.13	34.090	27.07		1468.8								
		OBS OBS	00175 00177	04.39	34.210 34.170	27.14		1469.0								
		OBS OBS	00186	04.20	34.250	27.19 27.19		1469.8 1468.2								
		OBS STD	00198	03-45 02-73	34.170 34.08	27.20	00.287	1466 . 7 1463 . 5								
		OBS	00201	02.34	34.080	27.23	000201	1461.8								
		OBS OBS	00203	02.20	34.15U 34.14U	27.30 27.29		1461.4								
		OBS OBS	00211	02.76	34.220 34.260	27.31		1464.0 1465.1								
		OBS	00234	02.91	34.260	27.32		1465 , 1								
						*****	*******	•								
REFID 3	1 8370 0097		1974 H 06	BOTOP 00126 SHIP EV	AIR			GT PER	WIND-DIR WIND-SPE			STD RE	CORDER		N SQ 1307 SQUARE 1	
LAT 4	2 55.41	DAY	09	DATA USE 1	BARO	METR 1000.1	SEA		WIND-FOR	1	DURA	TION	00.1	2	SQUARE 20	
LONG 05	0 18.0	HOUK	23.0	AREA 05		D T/A	CL/TF	•	WEATHER	7.4	OKIG	011 58	,	1	SQUARE 20	
CASTNU	M/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXY G	P04	TOT F	NO2	NO3	5103	PH	
	23.0	STD OBS	00000	05.17 05.17	32.600	25.78 25.78	00.000	1468.5								
		STD OBS	00010	05.15 05.14	32.65 32.660	25.82 25.83	00.022	1468.7								
		STD	00020	05-04	32.66	25.84	00.044	1468.4								
		OBS STD	00022	04.94 04.55	32.660 32.69	25.85 25.92	00.065	1468.0								
		OBS OBS	00030	04.52	32.690	25.92 25.95		1466.4								
		085	00038	03.10	32.690	26.06		1460.5								
		OBS STD	00049	01.71 01.42	32.96U 32.96	26.40	00.103	1455.0 1453.7								
		OBS OBS	00051	00.74	32.970	26.45 26.53		1450.7 1449.6								
		085	00064	- 0.29 - 1.02	33.030	26.55	00.140	1446.3								
		OBS	00076	- 1.06	33.14 33.150	26.67 26.68	00.140	1443.2								
		OBS OBS	00081	- 1.17 - 0.95	33.210	26.73 26.80		1442.7								
		OBS	00089	00.37	33.380	26.80 26.82		1450 • 2 1450 • 4								
		OBS	00097	00.93	33.430	26.81	00.000	1452.9								
		STD OBS	00100	00.96	33.45 33.460	26.83 26.83	00.173	1453.1 1453.3								
		OBS OBS	00106 00110	01.23	33.560	26.90 26.97		1454.6								
		OBS STD	00118 00125	02.92	33.820	26.97 26.97	00 303	1462.6								
		OBS	00125	03.01	33.830	26.97	000202	1463.1								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 CONSEC ' LAT 43 LONG 050	0098 04.5N	YEAR MONTH DAY HOUR	106	BOTOP 00077 SHIP EV DATA USE 1 AREA 05				GT PER 1 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	16	TR AC E		00 • 1	5 2	N SQ 13 SQUARE SQUARE SQUARE	20
CASTNUM	/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH	
CASTION	00.3	STD	00000 00010 00011 00020 00021 00020 00030 00030 00036 00040 00050 00051 00053 00064 00050 00051	05.25 05.25 05.19 05.17 05.03 05.02 04.91 04.83 04.57 03.18 02.85 02.57 01.86 01.08 00.11 00.90 00.93	32.43 32.45 32.45 32.45 32.47 32.47 32.49 32.49 32.50 32.50 32.50 32.50 32.72 32.72 32.72 32.72 32.73 32.73 32.73 32.73 32.73 32.73 32.73 32.73 32.73 32.73 32.73 32.73 32.73 32.73 33.05 33.10 33.10	25.64 25.64 25.66 25.66 25.69 25.72 25.72 25.77 25.77 26.00 26.07 26.13 26.20 26.32 26.50 26.55 26.55	00.000	1468.6 1468.6 1468.5 1468.5 1468.1 1468.8 1467.8 1467.8 1467.8 1467.8 1463.6 1463.6 1463.6 1463.6 1463.6 1452.1 1458.5 1458.5 1458.6 14								
	8370 0099 15.0N 22.3W	YEAR MONTH DAY HOUR	106	BOTOP 00071 SHIP EV DATA USE 1 AREA 05	AIR 1 WET I BARCI CLGUI	BULB 06.2 METR 1001.0	OIR H 21 SEA CL/TR	GT PER 1 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	18	TRACE DURAT	STD REC DIR ION 011 569	00.1	5	N SQ 13 SQUARE SQUARE SQUARE	20
CASTNUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	N03	\$103	РН	
	01.8	STD OBS STD OBS STD OBS	00000 00001 00010 00011 00020 00030 00030 00034 00036 00038 00041 00050 00051	05-12 05-12 05-07 05-05 04-88 04-76 04-76 04-53 04-09 03-38 02-42 01-56 01-44 00-90	32.36 32.360 32.340 32.37 32.370 32.41 32.420 32.510 32.510 32.650 32.760 32.760 32.870	25.59 25.59 25.59 25.59 25.64 25.64 25.67 25.68 25.78 25.77 26.08 26.22 26.22 26.36	00.024	1467.0 1466.3 1404.4 1461.5 1457.6								
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REFID 31 CONSEC LAT 43 LONG 049	0100 24.5N	MONT	1974 H 06 10 05-8	BOTDP 00115 SHIP EV DATA USE 1 AREA 05	WET BARC		28	GT PER 2 Z	WINO-DIR WINO-SPD WINO-FOR WEATHER	13	TRACE DURAT		00.1	5	N SQ 1: SQUARE SQUARE SQUARE	28
CASTNUM	/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	N02	N03	\$103	PH	
	05.8	STD OBS STD OBS OBS OBS STD OBS	00000 00003 00010 00011 00017 00020 00020 00022 00024 00030 00030 00031 00041 00043 00050 00050 00050 00075 00076	03.90 03.90 03.90 03.75 03.42 03.38 03.16 02.74 02.31 02.28 02.12 01.45 01.00 00.62 00.35 00.30 - 0.28 - 0.31 - 0.93 - 0.97 - 0.99 - 1.01	32.67 32.67 32.67 32.670 32.650 32.670 32.710 32.710 32.770 32.770 32.770 32.770 32.770 32.780 32.780 32.780 32.96 33.060 33.16 33.16	25.97 25.97 25.97 25.97 25.97 26.01 26.04 26.05 26.10 26.18 26.19 26.21 26.25 26.36 26.36 26.46 26.57 26.58 26.57 26.68	00.060 00.094 00.132	1463.3 1463.4 1463.5 1462.9 1461.6 1461.6 1461.5 1461.3 1450.6 1458.8 1456.9 1456.9 1456.9 1456.9 1456.9 1456.9 1456.9 1456.9								
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TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0101 LAT 43 23.0N LONG 049 24.5W	YEAR 1974 MONTH 06 DAY 10 HOUR 06.8	BOTDP 00219 SHIP EV DATA USE 1 AREA 05	WET BULB BAHOMETR 10	04.1 28	IGT PER 2 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	13	TRACE		00 . 2	TEN SQ 1306 5 SQUARE 2 2 SQUARE 28 1 SQUARE 39
CASTNUM/TIME	LVLTYP DEPT	H TEMP	SAL SIGMA	-T DYNDPTH	SND VEL	DXY G	P04 T	TOT P	N02	NO3	SIO3 PH
	STD 0000	0 03.69	32.74 26.0	4 00.000	1462.5						
06.8	OBS 0000	1 03.69	32.740 26.0		1462.5						
	STD 0001		32.73 26.0		1462.7						
	OBS 0001		32.730 26.0		1462.7						
	STD 0002		32.74 26.0		1462.7						
	OBS 0002		32.740 26.0		1462.7						
	OBS 0002		32.730 26.0		1462.6						
	STD 0003		32.69 26.0								
	OBS 0003		32.69u 26.0		1461.2			•			
	085 0004		32.730 26.1		1459.4						
	OBS 0004		32.690 26.1		1457.2						
	OBS 0004		32.840 26.2		1454.4						
	STD 0005		32.86 26.3		1454.3						
	OBS 0005		32.870 26.3		1454.1						
	085 0005		32.900 26.3		1453.6						
	OBS 0006		32.940 26.4								
	OBS 0006				1450.0						
	OBS 0006		32.960 26.44		1449.5						
	085 0007		32.970 26.5		1446.9						
	STD 0007		33.030 26.5		1445.2						
	085 0007		33.07 26.6		1444.3						
			33.090 26.6		1444.0						
			33-18 26-7		1442.3						
	085 0010		33.180 26.7		1442.2						
	STD 0012		33.26 26.7		1442.2						
	OBS 0012		33.260 26.7		1442.2						
	STD 0015		33.44 26.9		1445.1						
	OBS 0015		33.440 26.9		1445.2						
	OBS 0015		33.470 26.9		1445.2						
	OBS 0015		33.590 27.0		1447.0						
	085 0016		33.610 27.0		1449.0						
	OBS 0016		33.620 27.0		1449.5						
	085 0017		33.580 27.0		1447.7						
	OBS 0017		33.680 27.0		1449.0						
	085 0019		33.750 27.1		1451.8						
	085 0019		33.800 27.13		1453.9						
	STD 0020		33.80 27.1		1453.9						
	085 0020		33.860 27.1	7	1454.5						
	085 0020	7 01.23	33.910 27.1	8	1456 .8						

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 CONSEC LAT 43 LONG 049	0102 18.5N	MONT	1974 H 06 10 07.9	BOTDP 00810 SHIP EV DATA USE 1 AREA 05	AIR WET BARD CLGU			GT PER 2 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	15	DURA	E DIR Tion	ECORDER D 00.3 920016	5	N SQ 1306 SQUARE 2 SQUARE 28 SQUARE 39
CASTNUM	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	. NO3	\$103	PH
		STD	00000	03.66	32.75	26.05	00.000	1462.4							
	07.9	085	00003	03.66	32.750	26.05		1462.4							
		STD	00010	03.68	32.75	26.05	0C.020	1462.7							
		OBS	00011	03.68	32.750	26.05 26.05		1462.7							
		08 S	00017	03.67	32.750 32.730	26.05		1461.9							
		STO	00020	03.41	32.75	26.07	00.039	1461.6							
		OBS	00020	03.34	32.760	26.09	000037	1461-4							
		STD	00030	02.82	32.84	26.20	00.058	1459.4							
		085	00030	02.76	32.840	26.21		1459.1							
		OBS	00034	02.17	32.840	26.25		1456.6							
		OBS	00038	01.86	32.870	26.30		1455.4							
		085	00041	01.08	32.840	26.33		1451.9							
		OBS	00049	00.43	32.990	26.49		1449.3							
		STD	00050	00.20	32.99	26.50	00.092	1448.2							
		085	00051	- 0.38 - 1.16	32.99u 33.150	26.52 26.68		1445.6							
		STD	00060	- 1.42	33.20	26.73	00.128	1441.4							
		OBS	00076	- 1.43	33.200	26.73	00.120	1441.4							
		OBS	00087	- 1.52	33.250	26.77		1441.2							
		STD	00100	- 1.51	33.27	26.79	00-160								
		085	00100	- 1.51	33.276	26.79		1441.5							
		STO	00125	- 1.42	33.33	26.83	00.191	1442.4							
		OBS	00125	- 1.42	33.330	26.83		1442.4							
		STD	00150	- 1.22	33.40	26.88	00.221	1443.9							
		OBS	00150	- 1.22	33.400	26.89		1443.9							
		085	00175	- C.99	33.470	26.93		1445.5							
		STD	00200	- 0.51	33.64	27.05	00.275								
		OBS	00201	- 0.45	33-670	27.08		1448.7							
		OBS OBS	00207	- 0.23 00.11	33.800 33.890	27.17 27.23		1450.0							
		085	00209	00.75	33.960	27.25		1454.7							
		OBS	00228	01.00	34.000	27.26		1456.2							
		STD	00250	01.91	34.13	27.31	00.320	1460.8							
		OBS	00264	02.49	34.260	27.36		1463.7							
		OBS	00276	02.92	34.380	27.42		1466.0							
		OBS	00279	02.93	34.390	27.43		1466.1							
		OBS	00285	02.67	34.370	27.43		1465.0							
		085	00289	02.99	34.410	27.44		1466.5							
		OBS	00295	02.72	34.410	27.46		1465.5							
		STD	00300	02-40	34.42	27.50	00,355								
		OBS	00302	02-25	34-430	27.52		1463.6							
		OBS	00350	03.15	34.650	27.61		1468.5							
		OBS STD	00399	03.45 03.45	34.710	27.63	00.411								
		085	00400	03.47	34.71 34.710	27.63 27.63	00.411	1470.8							
		085	00451	03.63	34.760	27.65		1472.4							
		STD	00500	03.69	34.78	27.66	00.460								
		OBS	00500	03.69	34.780	27.66		1473.5							
		085	00552	03.76	34.810	27.68		1474.7							
		STD	00600	03.79	34.81	27.68	00.508	1475.6							
		OBS	00603	03.79	34-810	27.68		1475.7							
		085	00651	03.81	34.830	27.69		1476.6							
		STD	00700	03.82	34.84	27.70	00.555								
		OBS	00750	03.83	34.850	27.71		1478.3							
		OBS	00759	03.81	34.850	27.71		1478.4							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

CONSEC	43	8370 0103 14.0N 14.4W	MONT	1974 H 06 10 09.5	BOTOP 0124 SHIP EV DATA USE AREA 0	WET BARC	TEMP 04.0 BULB 03.5 METR 1004.5 D T/A	27	HGT PER 4 3 R	WIND-DIR WIND-SPD WIND-FOR WEATHER	10	TR A	CE	DIR	CORDER D 00.4	2	EN SQ SQUAR SQUAR SQUAR	RE 2
CAST	NUH/	TIME	LVLTYP	DEPTH	TEMP	SAL	T-AMDI2	DYNDPTH	SND VEL	O XY G	P0 4	TOT	P	NO2	NO3	S 1 0 3	PH.	
			STD	00000	03.45	32.79										3.03	· · ·	
		09.5	OBS	00001	03.45	32.790	26.11	00.000										
			STO	00010	03.44	32.80	26.11	00 010	1461.6									
			OBS	00011	03.44	32.800	26.11	00.019										
			085	00017	03.35	32.790	26.11		1461.7									
			STD	00020	01.96	32.81	26.24	00.038										
			085	00020	01.65	32.820	26.28		1454.1									
			OBS	00026	00.98	32.930	26.41		1451.3									
			STD	00030	00.52	33.00	26.49	00.054										
			08S 08S	00032	00.25	33.040	26.54		1448.2									
			OBS	00034	00.07	33.060	26.56		1447.5									
			STD	00050	00.02 01.01	33.040	26.55		1447.3									
			085	00053	01.24	33.13 33.160	26.57	00.085	1452.1									
			STD	00075	01.51	33.29	26.57 26.66	00 100	1453.2									
			OBS	00076	01.52	33.300	26.67	00.120	1455.0									
			STD	00100	01.41	33.37	26.73	00.154	1455.1									
			OBS	00102	01.38	33.380	26.74	00.134	1455.0									
			STD	00125	00.93	33.54	26.90	00.185	1453.5									
			OBS	00125	00.92	33.540	26.90		1453.5									
			STD	00150	00.67	33.61	26.97	00.214	1452.9									
			OBS OBS	00150	00.66	33.610	26.97		1452.8									
			OBS	00171	00.32	33.700	27.06		1451.8									
			STD	00200	00.34	33.700 33.86	27.06		1451.9									
			OBS	00203	CO. 00	33.890	27.20 27.23	00.263	1451.2									
			OBS	00218	00.68	34.050	27.32		1451.1									
			OBS	00226	01.00	34.070	27.32		1454.7									
			STD	00250	01.22	34.20	27.41	00.302	1457.8									
			OBS	00251	01.24	34.210	27.42		1458.0									
			OBS	00268	01.66	34.300	27.46		1460.2									
			OBS	00276	01.99	34.380	27.50		1461.9									
			OBS	00300	02.08	34.44	27.54	00.333	1462.8									
			085	00300	02.09 02.74	34.440	27.54		1462.8									
			STD	00400	02.97	34.590 34.65	27.60		1466.7									
			085	00401	02.98	34.650	27.63 27.63	00.387	1468.6									
			OBS	00451	03.38	34.730	27.66		1468.7									
			STD	00500	03.52	34.77	27.67	00.435	1472.8									
			OBS	00500	03.52	34.770	27.67		1472.8									
			085	00552	03.77	34.830	27.70		1474.8									
			STD	00600	03.85	34.84	27.70	00.482										
			OBS	00601	03.85	34.840	27.70		1475.9									
			OB S STD	00652	03.87	34.850	27.70		1476.9									
			085	00700	03.90	34.87	27.71	00.528										
			085	00750	03.90 03.92	34.870	27.71		1477.8									
			STD	00800	03.90	34.870 34.87	27.71	00 57/	1478.7									
			OBS	00801	03.90	34.870	27.71 27.71	00.574										
			085	00850	03.88	34.880	27.72		1479.5									
			STD	00900	03.85	34.89	27.74	00.620										
			OBS	00902	03.85	34.890	27.74		1481.0									
			OBS	00953	03.81	34.890	27.74		1481.7									
			STD	01000	03.79	34.89	27.74	00.665	1482.4									
			OBS OBS	01001	03.79	34.890	27.74		1482.4									
				01026	03.78	34.890	27.74		1482.8									

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSE LAT LONG		04 0N	MONT	1974 H 06 10 11.0	BOTDP 01097 SHIP EV DATA USE 1 AREA 05			DIR F 27 SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	07	TRACE DURAT	DIR	CORDER D 00.5 40016	5	N SQ 130 SQUARE SQUARE 2 SQUARE 3
CAS	TNUM/TIM	E LV	LTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P0 4	TOT P	NO2	NO3	\$103	РН
			STD	00000	03.25	32.86	26.18	00.000	1460.8							
	11.		BS	00005	03.25	32.860	26.18		1460.9							
			STD	00010	03.23	32.86	26.18	00.018	1460.9							
			85	00011	03.23	32.860	26.18		1460.9							
			BS	00013	03-09	32.850	26.19		1460.3							
			STD	00020	01.35	32.87	26.34	00.036	1452.8							
			BS	00020	01-18	32.880	26.35	00.052	1452.1							
			STD 8S	00030	00.30	32.97 32.970	26.47 26.48	00.052	1448.2							
			BS	00030	00.19	32.950	26.47		1447.8							
			8\$	00036	- 1.02	33.090	26.63		1442.5							
			BS	00040	- 1.26	33.220	26.74		1441.6							
			STD	00050	- 1.39	33.26	26.78	00.081	1441.2							
			BS	00051	- 1.41	33.270	26.79		1441.2							
			BS	00066	- 1.53	33.320	26.83		1440.9							
			STD	00075	- 1.48	33.36	26.86	00.112	1441.4							
			BS	00076	- 1.47	33.360	26.86		1441.4							
			STD	00100	- 1.25	33.46	26.94	00.141	1443.0							
			88	00102	- 1.22	33.470	26.94		1443.2							
			STD	00125	- 1.03	33.53	26.98	00.168	1444.6							
		0	BS	00125	- 1.02	33.530	26.98		1444.6							
			STD	00150	- 0.73	33.60	27.03	00.195	1446.5							
			88	00152	- 0.72	33.610	27.04		1446.5							
			BS	00156	- 0.72	33.630	27.05		1446.6							
			BS	00163	- 0.31	33.750	27.13		1448.8							
			BS	00173	00-07	33.780	27.14		1450.8							
			85	00178	00-41	33.830	27.16		1452.5							
			85	00182	00.43	33.810	27.15		1452.6							
			8 S	00186	- 0.02	33.810 33.960	27.17 27.28		1450.6							
			BS	00190	00.37	34.010	27.31		1452.8							
			STO	00200	00.67	34.11	27.37	00.238	1454.4							
		0	BS	00201	00.75	34.140	27.39	00.230	1454.8							
			BS	00226	01.34	34.270	27.46		1458.1							
			STD	00250	01.59	34.35	27.50	00.271	1459.7							
			BS	00251	01.61	34.350	27.50		1459.8							
			BS	00277	02.00	34.450	27.55		1462.1							
			STO	00300	02.09	34.48	27.57	00.300	1462.9							
		0	BS	00302	02-11	34.480	27.57		1463.0							
			BS	00352	02.52	34.590	27.62		1465.8							
			STD	00400	02.87	34.65	27.64	00.351	1468.2							
			85	00401	02.88	34.650	27.64		1468.2							
			88	00451	03.26	34.740	27.68		1470.8							
			STD	00500	03.52	34.80	27.69	00.399	1472.8							
			BS	00502	03.54	34.800	27.70		1472.9							
			BS	00550	03.87	34.870	27.72	00 //0	1475.2							
			STD	00600	03.90	34.87	27.71	00.443	1476.2							
			BS	00601	03.90	34.870	27.71		1476.2							
			BS STO	00658	03.91	34.890	27.73 27.75	00.487	1477.2 1478.1							
			BS	00702	03.96 03.96	34.92- 34.920	27.75	00.407	1478.2							
			BS	00753	03.90	34.910	27.75		1478.8							
			STO	00800	03.81	34.91	27.76	00.530	1479.2							
			85	00801	03.81	34.910	27.76	300,30	1479.2							
			85	00858	03.79	34.910	27.76		1480.0							
			STD	00900	03.79	34.91	27.76	00-572	1480.7							
			85	00900	03.79	34.910	27.76		1480.7							
			85	00953	03.79	34.910	27.76		1481.6							
			STD	01000	03.78	34.91	27.76	00.616	1482.4							
			BS	01001	03.78	34.910	27.76		1482.4							
			BS	01026	03.76	34.910	27.76		1482.7							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSEC LAT LONG	43	8370 0105 02.2N 04.8W	YEAR MONTH DAY HOUR	06 10	BOTOP 01706 SHIP EV DATA USE I AREA 05	WET BARD	TEMP 05.2 BULB 04.5 METR 1005.5 JD T/A	DIR H O1 SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	80	TR AC	STD F E DIR TION 011		RDER D 00.5	5 3	N SQ 1306 SQUARE 2 SQUARE 28 SQUARE 39	
CAST	NUH/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXYG	P04	TOT P	NO:	2 1	, EON	\$103	РН	
			STO	00000	02.91	32.97	26.30	00.000	1459.5									
		12.8	08\$	00000	02.91	32.976	26.30		1459.5									
			STD	00010	02.90	32.98	26.30	00.017	1459.6									
			OBS	00015	02.90	32.980	26.31		1459.7									
			085	00019	02.88	32.970	26.30		1459.6									
			STD	00020	02.73	32.99	26.32	00.035	1459.0									
			STD	00030	01.76	33.09	26.48	00.051	1455 - 1									
			OBS	00030	01.74	33.090	26.48		1455.0									
			OBS	00034	01.65	33.100	26.50		1454.7									
			OBS OBS	00040	00.84	33.210	26.64 26.82		1451.3 1449.8									
			STD	00050	00.34	33.40	26.82	00.079										
			OBS	00060	- 0.73	33.390	26.86	00.013	1444.7									
			OBS	00064	- 0.93	33.480	26.94		1443.9									
			STD	00075	- 0.82	33.57	27.01	00.108	1444.8									
			OBS	00081	- 0.74	33.620	27.05		1445.3									
			STD	00100	- 0.57	33.73	27.13	00.132										
			08.5	00100	- 0.54	33.740	27.14		1446 . 7									
			OBS	00110	- 0.18	33.810	27.18		1448.6									
			STD	00125	00.15	33.91	27.24	00.155										
			OBS	00129	00.24	33.940	27.26		1451.1									
			STD	00150	00.56	34.05	27.33	00.175	1453.0									
			OBS	00150	00.57	34.050	27.33		1453.1									
			085	00180	00.89	34.140	27.38		1455 - 1									
			STD	00200	01.05	34.19	27.41	00.210	1456.2									
			OBS	00209	01.17	34.230	27.44		1457.0									
			08 S 08 S	00230	01.56 01.65	34.350	27.51 27.52		1459.2									
			\$10	00250	01.66	34.38	27.52	00.242										
			STO	00300	02.09	34.48	27.57	00.270	1462.9									
			OBS	00302	02.11	34.490	27.58	001210	1463.0									
			OBS	00325	03.49	34.680	27.61		1469.6									
			OBS	00352	04.15	34.820	27.65		1473.0									
			085	00375	04.64	34.900	27.66		1475.6									
			OBS	00399	04.67	34.920	27.67		1476.1									
			STD	00400	04-67	34.92	27.67	00.320	1476.1									
			OBS	00449	04.78	34.960	27.69		1477.5									
			STD	00500	04-67	34.96	27.70	00.367										
			085	00500	04.67	34.960	27.70		1477.8									
			OBS	00550	04.49	34.950	27.72		1477.9									
			OBS	00599	04.46	34.950	27.72		1478.6									
			STD	00600	04.46	34.95	27.72	00.413										
			OBS STD	00649	04.40 04.30	34.960	27.73 27.74	00.457	1479.2									
			OBS	00700	04.30	34.95 34.950	27.74	00.437	1479.6 1479.6									
			OBS	00751	04.26	34.960	27.75		1480.3									
			OBS	00799	04.13	34.950	27.75		1480.5									
			STD	00800	04.13	34.95	27.75	00.501	1480.6									
			OBS	00852	04.10	34.950	27.76		1481.3									
			STD	00900	04.05	34.95	27.76	00.544										
			085	00902	04.05	34.950	27.76	,	1481.9									
			OBS	00949	03.97	34.950	27.77		1482.4									
			STD	01000	03.96	34.95	27.77	00.587	1483.2									
			085	01001	03.96	34.950	27.77		1483.2									
			OBS	01020	03.95	34.940	27.77		1483.5									

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSEC LAT LONG	42	8370 0106 49.3N 55.1W	MONT	1974 H 06 10 15.5	BOTDP 02983 SHIP EV DATA USE 1 AREA 05				IGT PER 3 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	80	TRA	T STD CE DI: ATION G 011		DER D 00.5	5	N SQ 130 SQUARE SQUARE 2 SQUARE 2
CAST	TNUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P0 4	TOT	P N	02 1	103	\$103	РН
			STD	00000	06.50	33.28	26.15	00.000	1474.8								
		15.5	OBS	00000	06.50	33.280	26.15		1474.8								
			STD	00010	06.43	33.28	.26-16	00.019	1474.7								
			08S	00015	06.36	33.280	26.17		1474.5								
			STD	00019	06.30 06.27	33.270 33.26	26.17 26.17	00.037	1474.3								
			OBS	00024	05.90	33.200	26.17	00.037	1472.7								
			STD	00030	05.10	33.14	26.22	00.056	1469.4								
			085	00030	04.97	33.140	26.23		1468.9								
			OBS	00034	03.67	33.130	26.36		1463.5								
			STD	00050	01.37	33.30	26.68	00.088	1454.0								
			OBS	00055	00.95	33.420	26.80		1452.3								
			OBS	00060	00.68	33.590	26.95		1451.4								
			OBS	00074	01.21 01.22	33.710	27.02	00 110	1454.2								
			085	00079	01.25	33.71 33.760	27.02 27.05	00.118	1454.3								
			085	00087	02.06	33.900	27.11		1454.5								
			085	00089	02.06	33.910	27.12		1458.5								
			STD	00100	02.22	34.02	27.19	00-142	1459.5								
			OBS	00100	02.24	34.030	27.20		1459.6								
			OBS	00119	02.81	34.230	27.31		1462.7								
			STD	00125	03.27	34.29	27.31	00.163	1464.8								
			STD	00150	04.29	34.48	27.36	00.182	1469.8								
			OBS	00150	04.29	34-480	27.36		1469.8								
			OBS	00159	04-14	34.510	27.40		1469.4								
			08S	00180	04.32 04.31	34.590	27.45 27.46		1470.6								
			OBS	00199	03.90	34.540	27.45		1470.8								
			STD	00200	03.91	34.54	27.45	00-217	1469.1								
			OBS	00209	04.48	34.690	27.51	000221	1471.9								
			OBS	00232	04.55	34.710	27.52		1472.6								
			STD	00250	04.56	34.75	27.55	00.248									
			STD	00300	04.61	34.82	27.60		1474.1								
			085	00304	04.61	34.830	27.61		1474.2								
			085	00350	04.51	34.860	27.64		1474.6								
			OBS STD	00399	04.58	34.920	27.68		1475.8								
			OBS	00449	04.58 04.56	34.92	27.68	00.325	1475.8								
			STO	00500	04.48	34.930 34.93	27.69 27.70	00 371	1476.5								
			OBS	00502	04.48	34.930	27.70	00.311	1477.1								
			085	00550	04.40	34.940	27.72		1477.5								
			085	00599	04.46	34.950	27.72		1478.6								
			STD	00600	04.46	34.95	27.72	00.417									
			OBS	00650	04.31	34.950	27.73		1478.8								
			STD	00700	04.26	34.95	27.74	00.461	1479.4								
			OBS	00700	04.26	34.950	27.74		1479.4								
			OBS	00750	04-15	34.940	27.74		1479.8								
			OBS STD	00799	04.10 04.10	34.940 34.94	27.75 27.75	00.505	1480.4								
			OBS	00850	04.03	34.940	27.76	00.505	1480.4								
			STD	00900	03.96	34.92	27.75	00.549	1481.5								
			OBS	00900	03.96	34.920	27.75	00.549	1481.5								
			085	00949	03.92	34.930	27.76		1482.1								
			085	00999	03.67	34.930	27.77		1482 - 8								
			STD	01000	03.87	34.93	27.77	00.593	1482.8								
			088	01022	03.87	34.930	27.77		1483.1								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

EFID 31 8376 DNSEC 0107 AT 42 36.70 DNG 048 43.06	MON DAY	R 1974 TH 06 10 R 18.2	BOTDP 0293 SHIP EV DATA USE AREA 0	HET BARO	TEMP 11.0 BULB 10.0 METR 1004.0 D T/A	27	GT PER 3 5	WIND-DIE WIND-SPE WIND-FOE WEATHER	05	TR	AC E	STD REC DIR ION DII 597	00 • 4	5 2	N SQ 1 SQUARE SQUARE SQUARE	28
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DXYG	P04	TOT	ρ	ND2	NO3	\$103	PH	
18.2	STD	00000	04.09	32.88	26.12	00.000	1464.4									
10.2	085	00003	04.09 04.08	32.880 32.876	26.12 26.11		1464.4									
	085	00009	04.05	32.890	26.13		1464.4									
	STD	00010	03.82	32.91	26.16	00.019	1463.5									
	OBS STD	00013	02.71	33.000	26.34		1458.9									
	OBS	00020	02.68 02.68	33.10 33.110	26.42 26.43	00.036	1459.0									
	085	00028	01.17	33.130	26.56		1459.0									
	STD	00030	01.14	33.12	26.55	00.052										
	OBS .	00030	01.05	33.110	26.55		1451.9									
	085	00036	00.37	33.260 33.410	26.71 26.82		1449.1									
	085	00041	01.11	33.480	26.84		1450.0									
	OBS OBS	00047	00.70	33.460	26.85		1451.1									
	STD	00049	00.81 00.89	33.526	26.89		1451.7									
	OBS	00053	01.23	33.53 33.600	26.90 26.93	00.078	1452.1 1453.8									
	OBS	00055	01.31	33.620	26.94		1454.2									
	OBS OBS	00059	02.06	33.730	26.97		1457.8									
	085	00062	02.36	33.740 33.750	26.96		1459.1									
	OBS	00068	02.93	33.800	26.96 26.96		1459.4									
	OBS	00074	02.96	33.850	26.99		1462.1									
	STD OBS	00075	03.04	33.86	27.00	00.106	1462.4									
	OBS	00078	03.42 04.62	33.920	27.01		1464.2									
	OBS	00087	04.96	34.150	27.02 27.03		1469.6									
	OBS	00089	04.96	34-160	27.04		1471.2									
	OBS STD	00095	05.33	34.270	27.08		1473.0									
	OBS	00100 00104	06.06 06.28	34.41 34.460	27.10	00.132	1476.2									
	OBS	00108	06.11	34.430	27.11 27.11		1477.2									
	OBS	00119	05.28	34-280	27.09		1476.5									
	STD OBS	00125	04.68	34.23	27.13	00.156	1470.7									
	085	00127	04.52	34.200 34.170	27.12		1470-1									
	OBS	00131	04.27	34.376	27.10 27.28		1469.8									
	OBS	00133	04.71	34-430	27.28		1471.2									
	STD OBS	00150 00150	05.93	34.61	27.27	00.179	1476.7									
	085	30169	05.94 05.28	34.610	27.27 27.27		1476.8									
	OBS	00175	04.74	34.420	27.27		1474.3									
	085	00177	04.60	34-440	27.30		1471.5									
	OBS OBS	00182 00184	04.87 04.87	34.500	27.32		1472.8									
	085	00190	03.59	34.490 34.390	27.31 27.32		1472.8									
	OBS	00198	03.60	34.390	27.36		1467.6									
	STD OB\$	00200	03.61	34.42	27.38	00.218	1467.7									
	085	00201 00205	03.62	34.440 34.500	27.40		1467.8									
	OBS	00218	04.53	34.620	27.40 27.45		1470.1 1472.2									
	OBS	00226	05.16	34.760	27.49		1475.1									
	OBS STD	00228 00250	05.25	34.760	27.48		1475.5									
	OBS	00230	04.47 03.88	34.69 34.640	27.51 27.53	00.251	1472.5									
	OBS	00295	03.69	34.620	27.54		1470.4									
	STD	00300	03.74	34.62	27.53	00.281	1470.2									
	08 \$ 08 \$	00300	03.75 03.90	34.620	27.53		1470.2									
	085	00363	03.44	34.740 34.720	27.61 27.64		1471.8									
	STD	00400	03.49	34.77	27.67		1471.0									
	08S	00401	03.50	34.770	27.68		1471.0									
	OBS	00441	03.94	34.820 34.830	27.67 27.68		1473.6									
	OBS	00454	04.08	34.840	27.67		1473.6 1474.5									
	STD	00500	04.01	34.84	27.68		1474.9									
	OBS OBS	00500	04.01	34.840	27.68		1474.9									
	STD	00600	04.03	34.850 34.83	27.69 27.68	00 430	1475.9									
	085	00601	03.97	34.830	27.68	00.428	1476.4									
	OBS	00620	03.96	34-830	27.68		1476.7									
	OBS OBS	00624	03.96	34.830	27.68		1476.8									
	OBS	00651	03.96 03.94	34.830 34.83u	27.68		1476.8									
	STD	00700		34.83	27.68 27.08	00.476	1477.1									
	085	00702	03.92	34-836	27.68		1477.9									
	OBS	00751	03.88	34-840	27.09		1478.6									
	STD OBS	00800		34.84	27.69	00.525	1479.4									
	085	00850		34.840 34.840	27.69 27.70		1475.4									
	STD	00900	03.78	34.84		00.573	1480.0									
	085	00900	03.78	34.840	27.70		1480.6									
	OBS	01000		34.840	27.70		1481.5									
	OBS	01000		34.86 34.860	27.72 27.72	00.621	1482.3									
	GBS															

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID , 31 8370 CONSEC 0108 LAT 42 20.9N LDNG 048 25.8W	MONT	1974 H 06 10 21.7	BOTDP 01829 SHIP EV DATA USE 1 AREA 05	AIR T WET B BAROM CLOUD	ULB 05.2 ETR 1007.6	DIR HO 28 3 SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	12	TRACE DURAT		00.3	5 5 2 5	SQ 1306 SQUARE 2 SQUARE 28 SQUARE 28
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXY G	P04	TOT P	NO2	NO3	5103	PH
GASTINOID TELL				22 77	25.91	00.000	1469.0							
	STD	00000	05.24	32.77 32.770	25.91	008000	1469.0							
21.7	OBS	00000	05.24	32.84	25.96	00.021	1469.2							
	STD	00010	05.22 04.96	32.880	26.02	••••	1468.3							
	OBS	00015	04.66	32.820	26.01		1467.0							
	085 STD	00020	04.46	32.89	26.09	00.041	1466.3							
	OBS	00024	04.40	33.250	26.38		1466.6							
	STD	00030	07.22	33.76	26.43	00.058	1478.8							
	085	00034	06.70	34.050	26.44		1484.9							
	OBS	00049	08.06	34.16C	26.63		1482.9							
	STD	00050	07.94	34.17	26-65	00.089	1482.4							
	OBS	00059	06.18	34.220	26.94	00.120	1470.7							
	STD	00075	04.93	34.04	26.95	00.120	1470.5							
	085	00076	04.88	34.030	26.94 27.02		1470.0							
	OBS	00081	04-71	34.110 34.150	27.11		1467.9							
	OBS	00089	04.17	34.32	27.20	00.146	1470.2							
	STD	00100	04.63 05.72	34.53	27.24	00.167	1475-4							
	STD	00125	06.42	34.53G	27.15 +		1478.5							
	OBS STD	00150	05.98	34.48	27.17	00.190	1476.8							
	OBS	00150	05.96	34.480	27.17		1476.7							
	OBS.	00159	07.97	34.840	27.17		1485.2							
	085	00169	07.57	34.830	27.17		1485.4							
	CBS	00180	07.27	34.760	27.21	00 005	1482.8							
	STD	00200	08.02	34.95	27.25	00.235	1486.2							
	085	00201	08.09	34.970	27.26		1477.0							
	OBS	00220	05.71	34.610	27.30 27.34		1470.0							
	OBS	00239	04.01	34.410	27.40	00.274	1467.4							
	STD	00250	03.34	34.40 34.380	27.41	00021	1466.5							
	OBS	00274	03.06 04.85	34.61	27.41	00.309	1474.8							
	STD	00300	04.87	34.620	27.41		1474-9							
	085	00325		34.740	27.52		1474.9							
	OBS OBS	00350		34.980	27.53		1481 - 7							
	OBS	00375		34.980	27.57		1480.9							
	STD	00400		34.89	27.56	00.375								
	085	00449		34.840	27.57		1478-1							
	STD	00500	05.19	34.97	27.65	00.430	1480.0							
	OBS	00502	05.19	34.970	27.65		1480.8							
	OBS	00552		34.980	27.66		1480.5							
	OBS	00599		34.960	27.67	00.480	1480.5							
	STD	00600		34.96	27.67 27.69	001400	1481.0							
	OBS	00649		34.970 34.97	27.70	00.530	1481.7							
	STD	00700		34.970	27.70	••••	1482.2							
	OBS	00750		34.970	27.72		1482.5	,						
	OBS	00799		34.97	27.72	00.578								
	STD	00850		34.960	27.72		1482.9							
	OBS STD	00900		34.96	27.74	00.625								
	OBS	00900		34.960	27.74		1483.2							
	OBS	00949		34.960	27.75		1483 - 5							
	STO	01000		34.95	27.75	00.671								
	OBS	0100		34.950	27.75		1484.0							
	OBS	0102	04.13	34.950	27.75		1484.2							
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TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

	8370 0109 04.3N 12.2W	MONT	1974 H 06 17 23.8	BOTOP 03568 SHIP EV DATA USE 1 AREA 05	WET		DIR H 27 SEA CL/TR	GT PER 3 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	12	TRACE		ORDER D OO.5	5 2	N SQ 13 SQUARE SQUARE SQUARE	28
CASTNUM	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH	
	23.8	STD OBS	00000	08.44	33.11 33.114	25.75 25.75	00.000	1482 • 2 1482 • 2								
		STD	00010	08.51 08.52	33.15	25.77 25.77	00.022	1482.6 1482.7								
		OBS OBS	00013	C8.80 09.32	33.325	25.86		1484.0								
		OBS	00019	09.53	33.677	26.02		1487-3								
		OBS	00020	10.34	34.440	26.22 26.36	00.043	1490.8								
		OB\$ OB\$	00024	12.80	35.050 35.520	26.49 26.58		1500.7 1505.7								
		STD	00030	14-15	35.53 35.530	26.58 26.58	00.059									
		OBS	00032	14.02	35.525	26.61		1505.4								
		OBS OBS	00038	14.08 14.33	35.570 35.667	26.63		1505.8 1506.8								
		OBS	00050	14.14 14.05	35.66 35.659	26.68	00.088	1506.3 1506.0								
		OBS OBS	00053	13.90 13.90	35.635	26.72		1505.5 1505.5								
		OBS	00062	12.95	35.435	26.76		1502.3								
		OBS	00068	12.62 12.92	35.330 35.47	26.74	00.121									
		08 S 08 S	00078	13.00 12.68	35.517 35.450	26.81		1502.8								
		OBS	00100	12.50 11.87	35.40 35.245	26.82	00.153	1501.3								
		OBS OBS	00112	08.20 08.18	34.480	26.86 26.96		1484.9								
		085	00121	06.54	34.295	26.95		1478.3								
		STD OBS	00125 00127	06.75 06.84	34.35 34.380	26.97	00.183	1479.7								
		OBS OBS	00133	06.84 06.25	34.380 34.270	26.97		1479.8								
		OBS STD	00142	04.48	34.037	26.99 27.03	00.210	1469.9								
		OBS	00150	04.48	34.090	27.03	00.210	1470-1								
		OBS OBS	00152 00156	04.99 05.07	34.150 34.150	27.02 27.02		1472.3								
		OBS OBS	00158	05.84 07.05	34.300	27.04 27.05		1476.1								
		OBS OBS	00173	06.96 07.20	34.495	27.05 27.08		1481.1								
		OBS	00178	07.44	34.640	27.09		1483.2								
		08 S 08 S	00184 00188	08.09 08.40	34.770 34.860	27.10 27.12		1486-0 1487-4								
		OBS OBS	00190	08.42 08.17	34.850 34.81>	27.11 27.12		1487.5								
		DBS STD	00198	08.47 08.42	34.850 34.84	27.10 27.11	00.261	1487.8 1487.6								
		OBS OBS	00207	08.31 09.28	34.830 35.040	27.11		1487.3 1491.7								
		STD	00250	08.74	34.97	27.12 27.16	00.311	1489.8								
		OBS OBS	00251	C8.70 O8.52	34.970 34.990	27.16 27.21		1489.7								
		OBS OBS	00272	08.25 08.25	34.960	27.22 27.22		1488.3 1488.3								
		OBS STD	00291	05.51 05.42	34.500	27.24 27.24	00.357	1477.2								
		OBS	00300	05.41	34.487	27-24	000331	1477.0								
		OBS OBS	00312	05.39 06.45	34.480 34.750	27.24 27.32		1477.0 1481.8								
		OBS OBS	00327	06.34 05.48	34.735	27.32 27.34		1481.5								
		OBS OBS	00350	04.99 05.28	34.537	27.33 27.36		1476.1 1477.7								
		OBS OBS	00382	02.80 02.52	34.620 34.295 34.300	27.36 27.39		1467.1 1466.1								
		STO	00400	03.16	34.40	27.41	00.435	1469.1								
		OBS OBS	00401	03.24	34.420 34.440	27.42 27.43		1469.5 1469.7								
		OBS OBS	00405	03.72 03.75	34.510 34.505	27.45 27.44		1471.7								
		OBS OBS	00415	04.53	34.625	27.45 27.45		1475.4								
		08 S 08 S	00422 00424	05.12 05.23	34.760	27.49 27.48		1478.1 1478.6								
		OBS	00428	05.65	34.840	27.49		1480.5								
		08S	00439 00454	05.62	34.895 34.850	27.50 27.50		1481.7								
		08S 0BS	00470	05.52	34.830 34.950	27.50 27.56		1480.7								
		08S \$10	00489	06.00	34.990 35.05	27.57 27.59	00.500	1483.1								
		OBS OBS	00506	06.27	35.080 35.07C	27.60		1484.6								
		085	00563	C5.60	34.973	27.61		1484.5								
		STD OBS	00600	05.28	34.97 34.975	27.64	00.555	1482.0								
		OBS OBS	00603	05.28	34.965	27.64		1482.1								
		STD OBS	00700	04.97	34.98 34.980	27.68	00.607	1482.4								
		08.5	00750	04.73	34.965	27.68		1482.4 1482.2								
		STD OBS	00800	04.65	34.97 34.970	27.71 27.71	00.656	1482.8								
10		OBS STD	00850	04.54	34.960	27.72 27.73	00.704	1483.1								
18		085 085	00900	04.31	34.940	27.73		1483.0 1483.4								
		STO	01000		34.92	27.74	00.751	1483.6								
						27.74		1483.6								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0110 LAT 41 41.5N LONG 047 53.5W	MONT	1974 H 06 11 03.2	BOTDP 03845 SHIP EV DATA USE I AREA 05	AIR T WET E BARCH CLGUC	ULB 06.3 ETR 1008.1		GT PER	WIND-DIR WIND-SPD WIND-FOR WEATHER		TRACE CURAT		00.5	5	N SQ 13 SQUARE SQUARE SQUARE	2 06
CASTNUMTIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH	
	STD	00000	12-01	34.49	26.21	00.000	1496.9								
03.2	OBS STD	00001	12.01	34.490 34.49	26.21 26.21	00.018	1497.0								
	OBS STD	00011	12.01 12.02	34.490 34.49	26.21 26.21	00.036	1497.0 1497.2								
	OBS OBS	00020	12.02	34.490 34.490	26.21 26.21		1497.2								
	STD	00030 00032	12.19	34.54 34.633	26.22 26.24	00.055	1498.0 1498.9								
	OBS	00036	12.59	34.780	26.32		1499.8 1501.5								
	08S 08S	00040	13.48	34.983 35.237	26.40 26.50		1503.5								
	OBS OBS	00045 00047	13.94 14.13	35.473 35.520	26.58 26.58		1505.3 1506.0								
	STO	00050	14.06 14.02	35.52 35.527	26.60 26.61	00.087	1505.8 1505.7								
	STO	00075	13.75 13.74	35.52 35.523	26.66	00.123	1505.2 1505.2								
	OBS STD	00078	14.07 13.98	35.650 35.66	26-69 26-72	00.158	1506.5								
	085	00100	13.97	35.665	26.72	000150	1506.6								
	STD	00119	13.64 13.42	35.620 35.56	26.76 26.76	00.192	1505.7								
	OBS STD	00129 00150	13.28 13.20	35.530 35.62	26.76 26.85	00.224	1504.6 1504.8								
	OBS OBS	00152	13.16 13.07	35.623 35.620	26.86 26.88		1504.7 1504.4								
	OBS OBS	00177 00184	12.23 11.47	35.460 35.310	26.92 26.95		1501.7 1499.0								
	08S 08S	00186	11.44 11.21	35.310 35.300	26.95 26.99		1499.0 1498.2								
	STD DBS	00200	11.15	35.31	27.01	00.283	1498.2								
	OBS	00201 00205	11.08	35.310 35.270	27.02 27.03		1498.0 1497.2								
	OBS OBS	00211	10.39 10.37	35.195 35.170	27.06 27.04		1495.5 1495.4								
	OBS OBS	00215	10.01 09.94	35.090 35.090	27.04 27.05		1494.1 1493.8								
	OBS OBS	00222	10.33 10.21	35.180 35.185	27.05 27.08		1495.5 1495.1								
	OBS OBS	00232	09.73 07.63	35.090 34.720	27.09 27.13		1493.3 1485.2								
	STD	00250	07.28	34.64	27.12	00.335	1483.8								
	OBS OBS	00251 00260	07.20 06.88	34.627 34.560	27.12 27.11		1483.5 1482.3								
	085	00266	06.44 06.52	34.490 34.510	27.11		1480.5 1481.1								
	OBS OBS	00291	06.40 05.91	34.505 34.425	27.13 27.13		1480.8								
	STD OBS	00300	05.88 05.85	34.43	27.14 27.15	00.385	1478.8 1478.7								
	OBS OBS	00306 00312	06.19 05.63	34.497	27.15		1480 · 2 1478 · 0								
	OBS	00323	05.60	34.440	27.17 27.18		1478.0								
	OBS OBS	00327 00333	05.79 06.30	34.494 34.587	27.20 27.21		1478.9 1481.2								
	OBS OBS	00356 00357	06.21 06.25	34.640	27.26 27.26		1481.3 1481.5								
	OBS OBS	00361	06.06 05.27	34.610 34.497	27.26 27.27		1480.7 1477.6								
	OBS OBS	00373 00378	05.23 05.60	34.505 34.620	27.28 27.32		1477.4 1479.2								
	085 085	00386	05.51 05.71	34.610	27.33 27.33		1478.9 1479.8								
	08S 08S	00392 00397	05.50	34-600	27-32		1479.0								
	STD	00400	05.32 05.76	34.69	27.36	00.472	1480.3								
	08S	00403 00413	06.25 06.14	34.770	27.36 27.35		1482.4								
	OBS OBS	00418 00426	05.84 05.94	34.720 34.770	27.37 27.40		1480.9 1481.5								
	OBS OBS	00432 00443	05.78	34.830 34.767	27.39 27.42		1483.4								
	OBS OBS	00451	05.19 05.35	34.720 34.770	27.45 27.47		1478.8								
	08 S 08 S	00477 00481	05.02 04.99	34.740 34.730	27.49		1478.6								
	OBS	00494	04.68	34.735	27.48 27.52	00 5/0	1477.5								
	OBS	00500	04.80 04.83	34.76 34.770	27.53 27.53	00.542	1478.2								
	OBS OBS	00504	05.15 05.21	34.840	27.54 27.55		1479.7 1480.0								
	OBS OBS	00512 00550	05.66	34.905 34.990	27.54 27.56		1482.0 1484.4								
	STD	00600	05.58 05.57 05.59	35.09 35.095	27.65 27.65	00.600									
	08S 08S	00652	05.59 05.56	35.070 35.070	27.68		1484.3								
	OBS	00675	05.21	34.990	27.68 27.66		1483.0								
	STD OBS	00700 00704	04.99 04.96	34.98 34.975	27.68 27.68	00.652	1482.4								
	DBS STD	00750 00800	04.90 04.75	34.970 34.97	27.68 27.71	00.702	1482.9 1483.2								
	OBS OBS	00801 00852	04.75	34.975	27.71 27.71		1483 - 2 1483 - 7								
	STD	00900	04.52 04.51	34.99	27.74	00.749									
	OBS STD	00951	04.24 04.28	34.950 34.97	27.74	00.795	1483.5								119
	OBS	01001	04.28	34.970	27.75 27.75	20.143	1484.6								113
	OBS OBS	01020 01022	04.22 04.24	34.960 34.970	27.75 27.76		1484.6 1484.7								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8370 CONSEC 0111 LAT 41 17.8N LONG 047 33.2W	MONT	1974 H 06 11 06.9	BOTDP 03777 SHIP EV DATA USE 1 AREA 05	HET I	BULB 05.5 METR 1008.7		GT PER 2 2	WIND-DIR WIND-SPD WIND-FOR WEATHER		TRACE DURAT		00.4	5	N SQ 130 SQUARE SQUARE 0 SQUARE 1	2
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	PQ4	TOT P	NO2	NO3	\$103	PH	
	STD	00000	07.73	33.11	25.86	00.000	1479.4								
06.9	OBS STD	00001	07.73 07.73	33.115 33.11	25.86 25.86	00.022	1479.5 1479.6								
	OBS	00011	07.73	33.115	25.86		1479.6								
	STD OBS	00020	07.78 07.79	33.12 33.120	25.85 25.85	00.043	1480.0 1480.0								
	OBS	00028	07.61	33.203	25.94		1479.5								
	STD	00030	07-11 05-57	33.02 32.930	25.87 * 25.99	00.065	1477.4								
	OBS OBS	00036	04.89	33.123	26.22		1468.6								
	OBS	00041	04.31	33.125 33.050	26.29 26.40		1466.3 1458.0								
	OBS STD	00049	02.26	33.100	26 . 45	00 102	1457.6								
	OBS	0005L	02.16	33.11 33.136	26.47 26.50	00.102	1457.2 1456.1								
	OBS OBS	00068	01.55 01.50	33.370 33.390	26.69		1456.9			•					
	OBS	00072	01.45	33.376	26.74 26.73		1455.0 1454.8								
	STD	00075	01.63	33.44 33.465	26.77 26.79	00.138	1455.7 1456.2								
	085	00078	01.91	33.520	20.82		1457.1								
	085 085	00081	02.76	33.645 33.590	26.85 26.89		1461.1								
	OBS	00087	01.75	33.610	26.90		1456.7								
	STD OBS	00100	06.87 07.41	34.41 34.49u	26.99 26.98	00.167	1479.4								
	OBS	00112	07.56	34.505	26.57		1482.4								
	08S 08S	00114	07.43 06.86	34.490 34.390	26.98 26.98		1481.9								
	OBS	00123	07.06	34.487	27.03		1480.6								
	STD OBS	00125	06.69	34.46 34.413	27.02 27.02	00-194	1480.0 1479.1								
	OBS OBS	00137	06.50	34.460	27.08		1478-6								
	STD	00140	06.00 05.95	34.410 34.43	27.11 27.13	00.220	1476.6								
	OBS OBS	00152 00175	05.54 06.44	34.430	27.13		1476.6								
	OBS	00178	06.41	34.490	27.12 27.12		1479.0								
	08S	00182	07.11 06.68	34.640	27.14		1482.0								
	085	00192	06.53	34.597	27.14 27.19		1480.3								
	OBS STD	00196 00200	05.85 05.84	34.480 34.49	27.18 27.19	00.267	1477.0 1477.1								
	OBS	00201	05.84	34.500	27.20	00.207	1477.1								
	08S	00203 00205	05.62 05.61	34.490 34.490	27.22 27.22		1476.2								
	OBS	00209	06.14	34.590	27.23		1478.5								
	OB\$	00228	06.39 05.63	34.615 34.48	27.22 27.21	00.312	1477.0								
	D8S OBS	00251	05.59	34.480	27.21	*******	1476.9								
	OBS	00276 002 7 7	04.96 04.92	34.490 34.500	27.30 27.31		1474.7								
	OBS STD	00289	05.47 04.77	34.630 34.51	27.35	00 254	1477.2								
	085	00302	04.64	34.500	27.34 27.34	00.354	1474.4								
	OBS OBS	00312	04.32 04.82	34.495 34.620	27.37 27.42		1472.7 1475.0								
	085	00331	04.80	34.650	27.44		1475.2								
	OBS OBS	00335	05.16 05.23	34.730 34.740	27.46 27.46		1476.8								
	OBS	00348	05.85	34.830	27.46		1480.0								
	OBS OBS	00359	05.85 05.82	34.830	27.46 27.46		1480.0								
	STD	00400	04.44	34.66 34.645	27.49	00.425	1474.8								
	OBS	00407	04-44	34.650	27.48 27.48		1474.9 1475.0								
	08 S 08 S	00415	04.76 05.08	34.760 34.850	27.53		1476.5								
	STD	00500	04.98	34.84	27.57 27.57	00.486	1478.6								
	OBS OBS	00500 00550	04.98 04.96	34.840 34.940	27.57 27.65		1479.0								
	STD	00600	05.15	34.99	27.67	00.541	1481.5								
	08\$ 08\$	00601 00654	05.16 04.90	34.990 34.970	27.67 27.68		1481.6								
	STD	00700	04.78	34.99	27.71	00.590	1481.6								
	08S 08S	00700	04.78 04.80	34.990	27.71 27.70		1481.7								
	STD	00800	04.69	34.97	27.71	00.638	1482.9								
	OB S	00801	04.69 04.50	34.970 34.987	27.71 27.74		1482.9								
	STD	00900	04.38	34.97	27.74	00.685	1483.3								
	085	00953	04.38 04.28	34.970 34.970	27.74		1483.3								
	STD	01000	04.21	34.96	27.75	00.730	1484.2								
	OBS	01018	04.21 04.18	34.960 34.960	27.75 27.76		1484.2								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSEC LAT LONG	:	8371 0001 4.0N	MONT	1974 H 06 11 18.2	BCTDP 04153 SHIP EV DATA USE I AREA 05	AIR 1 WET 1 BAKOI CLLUI	OT.9 HETR 1009.9	DIR H 30 SEA CL/TR	GT PER 4 3	WIND-DIR WIND-SPD WIND-FOR WEATHER	22	TRACE DURAT		00-4	5 2	N SQ 1306 SQUARE 2 SQUARE 26 SQUARE 36
CAST	TNUM/T	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
			STD	00000	16.86	36.06	26.38	00.000	1514.4							
	1	8.2	OBS	00000	16.86	36.060	26.38		1514.4							
			STD	00010	16.87	36.06	26.38	00.017								
			OBS	00010	16.87	36.065	26.38		1514.6							
			STD	00020	16.87	36.06	26.38	00.033								
			OBS	00020	16.87	36.065	26.38	00.050	1514.8							
			STD	00030	16.87	36.07	26.38 26.38	00.050	1514.9							
			OBS	00030	16.87	36.070 36.07	26.38	00.083	1515.3							
			STD	00050	16.88 16.88	36.070	26.38	000003	1515.3							
			OBS	00075	16.30	36.04	26.50	00.124	1513.9							
			STD	00100	15.80	36.01	26.59		1512.8							
			OBS	00100	15.80	36.010	26.59		1512.8							
			STD	00125	15.41	35.96	26.64	00.199	1511.9							
			STD	00150	15.09	35.91	26.67	00.235	1511.2							
			OBS	00175	14.82	35.850	26.68		1510.7							
			OBS	00195	14.65	35.800	26.68		1510.5							
			STD	00200	14.80	35.83	26.67	00.306	1511.1							
			OBS	00200	14.80	35.836	26.67		1511-1							
			OBS	00215	14.54	35.775	26.69		1510.4 1510.5							
			085	00225	14.50	35.840	26.75 26.77		1511.0							
			085	00240	14.55	35.885 35.68	26.76	00.376	1508.7							
			STD	00250	13.88 13.88	35.685	26.76	00.5.0	1508.7							
			OBS OBS	00250	14.05	35.800	26.81		1509.6							
			STD	00300	13.50	35.71	26.86	00-443	1508.3							
			OBS	00300	13.50	35.710	26.86		1508.3							
			085	00390	11.42	35.400	27.03		1502.4							
			STD	00460	11.25	35.43	27.08	00.561								
			OBS	00400	11.25	35.430	27.08		1502.0							
			OBS	00420	10.66	35.295	27.09		1500.0							
			DBS	00430	10.60	35.345	27.13		1500.0							
			OBS	00450	10.28	35.290	27.15		1499.2							
			OBS	00460	10.25	35.305	27.17	00.667	1499.2							
			STD	00500	05.39	35.11	27.16 27.32	00.007	1493.8							
			OBS	00570	08.35	35.105 35.146	27.37		1493.6							
			OBS	00580	08.25 07.90	35.17	27.44	00.755								
			STD	00600 00600	07.90	35.170	27.44	000133	1492.6							
			OBS STD	00700	06.73	35.08	27.54	00.827								
			OBS	00700	06.73	35.080	27.54		1489.6							
			STD	00800	05.96	35.07	27.64	00.889	1488.2							
			085	00800	05.96	35.075	27.64		1488.2							
			STD	00900	05.68	35.11	27.70	00.943								
			OBS	00900	05.68	35.110	27.70		1488.8							
			DBS	00950	04.90	35.00>	27.71		1486.3							
			STD	01000	04.92	35.03	27.73	00.994								
			OBS	01000	04.92	35.035	27.73		1487.3							

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

AIR TEMP 06.5 WET BULB 06.3 BARCMETR 1004.5 CLGUD T/A	DIR HGT PER 31 3 3 SEA CL/TR	WIND-DIR 31 INST STO RECORDER TEN SQ 13 WIND-SPD 12 TRACE DIR D 5 SQUARE WIND-FOR DURATION 00.5 2 SQUARE WEATHER X1 CRIG 011 603 1 SQUARE	26
SAL SIGMA-T	DYNOPTH SND VEL	OXYG PO4 TOT P NO2 NO3 SIO3 PH	
3.07 25.77	00.000 1480.8		
3.07G 25.77 3.06 25.76	1480.8		
3.06 25.76 3.066 25.76	00.022 1480.8 1480.9		
3.04u 25.76	1480.6		
2.950 25.75	1478.7		
.857 25.79	1475.3		
25.92 25.93 25.93	1473.4		
-015 26.00	00.044 1473.2 1472.9		
26.33	1473.8		
26.37	00.063 1480.0		
.820 26.38 .005 26.44	1481 - 7		
.960 26.48	1484.2 1482.3		
.750 26.47	1477.7		
.763 26.52	1476.6		
.847 26.59 .81 26.59	1476.6		
-81 26.59 -743 26.58	00.094 1476.0 1474.3		
.72u 26.68	1470.2		
-640 26.73	1465.8		
·616 26.75	1463.9		
•75 26.89 •750 26.90	00.127 1462.8 1462.6		
.750 26.91	1462.1		
.030 27.13	1462.9		
.080 27.12	1465.3		
•15 27•15 •24 27•18	00.154 1466.7 00.177 1468.8		
.33 27.20	00.177 1468.8 00.199 1471.1		
.496 27.23	1476.0		
.54 27.25	00.243 1476.3		
.560 27.26	1476.7		
.617 27.27 .630 27.27	1478.1 1478.4		
.636 27.30	1477.7		
.750 27.33	1479.9		
.740 27.32	1480.2		
.68> 27.32 .68 27.32	1478.9		
-640 27-32	00.284 1478.7 1477.9		
.830 27.40	1480.4		
.830 27.40	1480.5		
•75> 27.40 •75 27.43	1478.8		
.750 27.43	00.321 1478.1 1478.1		
.850 27.47	1479.5		
-610 27.48	1472.3		
.490 27.49 .620 27.49	1467.7		
.620 27.49 .490 27.49	1472.4 1468.2		
.503 27.55	1466.4		
	00.386 1467.0		
.500 27.54 .600 27.60	1467.2		
.640 27.61	1468.5 1469.9		
.720 27.61	1473.0		
.650 27.60	1471-1		
.67 27.60 .673 27.60	00.442 1472.6		
767 27.63	1472.7 1475.3		
770 27.63	1475.5		
780 27.63	1476.2		
	00.495 1477.8		
.850 27.64 .840 27.63	1478.7 1479.4		
.83 27.63	00.548 1479.7		
830 27.63	1479.7		
850 27.65	1481.0		
85 27.66 845 27.66	00.601 1480.8 1480.8		
980 27.73	1483.3		
.96 27.73	00.651 1483.3		
.96u 27.73	1463.3		
9	6u 27.73 47 27.74 3 27.74 30 27.74	6u 27.73 1483.3 67 27.74 1483.7 3 27.74 00.697 1483.9	6u 27.73 1483.3 47 27.74 1483.7 3 27.74 00.697 1483.9 30 27.74 1483.9

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

CONSEC	43	8371 0003 25.0N 38.6W	MONT	1974 H 06 12 03-9	BOTOP 03735 SHIP EV DATA USE I AREA 05	WET BAKO	TEMP 05.5 BULB 04.5 METR 1016.3 D T/A		GT PER 3 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	18	TRACE		00-4	5 2	SQUARE 26 SQUARE 26 SQUARE 37
CAST	NUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
			STD	00000	05.87	33.12	26.11	00.000	1472.1							
		03.9	085	00005	05.87	33.120	26.11		1472.2							
			STD	00010	05.87	33.11	26.10	00.019	1472.2							
			OBS STD	00011	05.87 05.87	33.110	26.10 26.11	00.038	1472.4							
			085	00020	05.87	33.120	26.11	000050	1472.4							
			OBS	00026	05.84	33.12.	26.11		1472.4							
			STD	00030	05.64	33.10	26.12	00.058	1471.6							
			08.5	00032	05-34	33.075	26.13		1470 -4							
			OBS	00036	04.58	33.030	26.18		1467.2							
			OBS OBS	00038	03.27 02.22	33.053 33.082	26.33 26.44		1461.8							
			OBS	00045	02.02	33.100	26.47		1456.5							
			OBS	00049	01.52	33.130	26.53		1454.4							
			STD	00050	01.45	33.16	26.56	00.091	1454-1							
			08\$	00053	01.31	33.260	26.65		1453.7							
			OBS	00055	01-47	33.270	26.65		1454.4							
			STD OBS	00075	00.70	33.35 33.435	26.76 26.84	00.120	1451.4							
			OBS	00078	01.04	33.570	26.92		1453.4							
			085	00001	01.31	33.593	26.92		1454.9							
			STD	00100	01.18	33.61	26.94	00.156	1454.4							
			OBS	00100	01.18	33.620	26.95		1454.4							
			OBS	00106	01.58	33.743	27.02		1456 . 4							
			STD	00125	01.65	33.93	27.17	00.182	1457.3 1457.4							
			OBS STD	00125	01.66 02.53	33.940 34.06	27.17 27.20	00.204	1461.8							
			085	00152	02.58	34.080	27.21	000201	1462.0							
			OBS	00175	02.76	34.260	27.34		1463.4							
			STD	00200	03.13	34.39	27.41	00.244	1465.6							
			OBS	00205	03.22	34.430	27.43		1466.2							
			085	00226	03.60	34.590	27.52		1468.3							
			STD	00250 00253	03.80 03.83	34.63 34.640	27.53 27.54	00.216	1469.6							
			CBS	00233	04.05	34.750	27.60		1471.3							
			STD	00300	04-20	34.77	27.60	00.303	1472.3							
			OBS	00302	04.21	34.770	27.60		1472.4							
			OBS	00356	04.32	34.830	27.64		1473.8							
			STD	00400	04.31	34.86	27.66	00.354	1474.6							
			OBS	00405	04.31	34.860	27.66		1474.6							
			OBS Std	00451	04.26 04.19	34.93	27.66 27.73	00.399	1475.8							
			085	00500	04.19	34.930	27.73	0003//	1475.8							
			OBS	00553	04.05	34.937	27.75		1476.1							
			STD	00600	03.99	34.94	27.76	00.441	1476.6							
			OBS	00601	03.99	34.940	27.76		1476.7							
			OBS	00651	03.92	34.950	27.78	00 (01	1477-2							
			STD OBS	00700	03.88 03.88	34.95 34.950	27.78 27.78	00.481	1477.8							
			085	00751	03.85	34.950	27.78		1478.6							
			STD	00800	03.81	34.95	27.79	00.520	1479.2							
			OBS	00803	03.81	34.950	27.79		1479.3							
			OBS	00854	03.76	34.950	27.79		1479.9							
			STD	00900	03.74	34.95	27.79	00.560								
			085	00900	03.74	34.950	27.79		1480.6							
			OBS STD	00951	03.70 03.65	34.950 34.95	27.80 27.80	00 500	1481.3							
			OBS	01000	03.65	34.950	27.80	00.599	1481.9							
			085	01020		34.950	27.80		1482.2							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 837 CONSEC 000 LAT 43 34.5 LONG 048 03.3	4 MONT	R 1974 TH 06 12 R 06-7	BOTDP 03700 SHIP EV DATA USE 1 AREA 05	WET BAND	TEMP 05.5 BULB 04.5 METR 1016.2 D T/A	28		WIND-DIR WIND-SPO WIND-FOR WEATHER	16	TRACE DURAT		00.4	5 2	N SQ 1306 SQUARE 2 SQUARE 28 SQUARE 38
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P04	TCT P	NO2	NQ3	\$103	PH
06.7	STD DBS	00000	05.66	33.12	26.13	00.000	1471.2							
96.7	STD	00010	05.66 05.64	33.11o 33.12	26.13	00.019	1471.3							
	OB\$	00011	05.64	33.120	26.13		1471.3							
	STD OBS	00020	05-62	33.12	26.14	00.038	1471.4							
	085	00020	05.62 05.60	33.120	26.14		1471.4							
	STD	00030	05.30	33.15	26.20	00.056	1470-3							
	OBS	00034	04.19	33.125	26.30		1465.7							
	08 S 08 S	00041	02.17 01.73	33.146	26.49		1457.2							
	OBS	00049	01.32	33.260	26.61		1455.4							
	STD	00050	01.08	33.26	26.67	00.089	1452.6							
	08 S 08 S	00051	00.60	33.265	26.70		1450.5							
	OBS	00053	00.37	33.39u 33.44u	26.81 26.84		1449.6							
	STD	00075	00.47	33.58	26.96	00.120	1450.7							
	OBS	00076	00.46	33.595	26.97		1450.7							
	OBS STD	00095	00.73	33.810 33.92	27.13 27.19	00.145	1452.5							
	OBS	00100	01.27	33.940	27-20	00.143	1455.2							
	085	00106	01.90	34.050	27.24		1458.3							
	08 \$ 08 \$	00108	02.02	34.070	27.25		1458.9							
	085	00114	02.77	34.125 34.140	27.25 27.24		1461.4							
	STD	00125	02.77	34.14	27.24	00.166	1462.5							
	OBS	00125	02.77	34-150	27.25		1462.5							
	OBS	00127	02.78	34.187 34.290	27.28 27.31		1462.6							
	085	00135	03.59	34.407	27.38		1466.5							
	08\$	00139	03.65	34.404	27.37		1466.9							
	OBS STD	00146	04.42	34.500 34.57	27.37 27.41	00.185	1470.4							
	OBS	00152	04.62	34.605	27.43	00.100	1470.9							
	085 -	00156	04.82	34.640	27.43		1472.4							
	08S 08S	00161	05.35	34.733	27.44		1474-8							
	085	00180	05.51 05.48	34.747 34.740	27.44		1475.6							
	085	00188	05.15	34.680	27.43		1474.3							
	OBS OBS	00192	04.95	34.640	27.42		1473.5							
	STO	00200	04.86 05.06	34.630 34.72	27.42 27.47	00.219	1473.1 1474.2							
	08\$	00203	05.08	34.76u	27.50	000247	1474.4							
	08S 08S	00213	04.74	34.760	27.54		1473.1							
	STD	00222 00250	04-71 04-13	24.730 34.72	27.52 27.57	00.249	1473.1 1471.1							
	OBS	00251	04-12	34.720	27.57	000247	1471 -1							
	OBS STD	00276	04.37	34.784	27.59		1472.7							
	085	00300	04.66 04.69	34.82	27.60 27.60	00.276	1474.5							
	OBS	00350	04.92	34.986	27.69		1476.4							
	STD	00400	05.06	34.98	27.67	00.327	1477.8							
	085	00401 00426	05.06 04.76	34.980	27.67 27.71		1477.8							
	085	00432	04.57	34.950	27.71		1470.3							
	085	00451	04.56	34.96U	27.72		1476.6							
	STD	00500	04.76	34.99 34.990	27.72 27.72	00.373	1478.2							
	085	00550	04.51	34.980	27.74		1478.0							
	STD	00600	04.58	34.97	27.72	00.418	1479.1							
	085 085	00601 00651	04.58	34.974	27.72		1479.2							
	STD	00700	04.37 04.24	34.990 34.97	27.76 27.76	00.461	1479.1							
	OBS	00700	04.24	34.976	27.76		1479-4							
	08S 510	00750	04.12	34.960	27.76	00 500	1479.7							
	OBS	00801	04.06 04.06	34.96 34.96u	27.77 27.77	00.503	1480.3							
	OBS	00850	03.97	34.950	27.77		1480.7							
	STD	00900	03.96	34.95	27.78	00.545	1481.5							
	08S 08S	00900	03.96	34.950 34.950	27.78 27.78		1481.5 1482.1							
	STD	01000	03.87	34.95	27.78	00.587	1482.8							
	OBS	01001	03.87	34.950	27.78		1482.8							
	082	01018	03.87	34-955	27.79		1483.1							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

	DAY 12 HOUR 10.2	DATA USE 1 AREA 05		BULB 06.1 METR 1021.8 D T/A	26 SEA CL/TR	4 7	WIND-SPD WIND-FOR WEATHER		DUF	ACE RATI		90.5	2	SQUARE 28 SQUARE 36 SQUARE 36
	VLTYP DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT	P	NO2	NO3	\$103	РН
	STD 00000		32.90	26.21	00.000	1461.0								
	OBS 00003 STD 00010		32.900	26.21 26.21	00.018	1461.0								
	OBS 00011		32.900	26.21	00.010	1461.1								
	STD 00020	03.17	32.92	26.23	00.036	1460.9								
	OBS 00020		32.920	26.24		1460.8								
	STD 00030		32.92	26.27	00.054									
	OBS 00030 OBS 00036		32.920 32.900	26.27 26.36		1459.1								
	085 00038		33.147	26.57		1452.6								
0	STD 00050	01-06	33.24	26.65	00.086	1452.5								
C	085 00051		33.250	26.66		1452.3								
Ċ	OBS 00055 OBS 00060		33.270	26.69		1451.4								
	OBS 00060 OBS 00066		33.490 33.582	26.91 26.99		1447.9								
	STD 00075		33.69	27.08	00-116									
	OBS 00076		33.70>	27.09		1448.3								
	STD 00100		33.94	27.24	00.138	1452.0								
	OBS 00100		33.950	27.25	00 150	1452.1								
	STD 00125 OBS 00125		34.08 34.08	27.34 27.34	00.158	1453.5								
	STD 00150		34.20	27.41	00.176									
C	OBS 00150	01.13	34.200	27.42		1455.8								
	OBS 00175		34.285	27.46		1458.0								
	STD 00200 085 00201		34.44	27.56	00.207									
	085 00201 085 00228	01.92 02.08	34.450	27.56 27.58		1460.5								
	OBS 00232		34.505	27.59		1462.1								
	OBS 00239		34.600	27.63		1464.1								
	STD 00250	02.49	34.61	27.64	00.232									
	OBS 00255		34.620	27.65		1463.9								
	OBS 00260 OBS 00266		34.700 34.730	27.65 27.65		1467.1								
	OBS 00276		34.730	27.65		1468.7								
	STD 00300	03.65	34.77	27.66	00.256									
	085 00300		34.770	27.66		1470.0								
	OBS 00316		34.780	27.66		1470.5								
	OBS 00323 OBS 00329	03.08 03.10	34.73U 34.73U	27.68 27.68		1467.9								
	OBS 00331		34-770	27.67		1470.0								
	OBS 00350	03.58	34.775	27.67		1470.5								
	STD 00400		34.78	27.68	00.302									
	OBS 00403	03.54	34.780	27.68		1471.3								
	OBS 00458 STD 00500		34.840 34.85	27.71 27.70	00.347	1473 -1								
	OBS 00502		34.850	27.70	000311	1474.3								
	OBS 00552	03.94	34.840	27.69		1475.5								
	STD 00600		34.85	27.69	00.393	1476.4								
	OBS 00601 OBS 00652		34.850	27.69		1476.4								
	OBS 00652 STD 00700		34.94u 34.94	27.75 27.76	00.437	1477.8								
	OBS 00700		34.940	27.76		1478.5								
	OBS 00750	03.92	34.945	27.77		1478.8								
	STD 00800		34.94	27.77	00.479									
	OBS 00801 OBS 00850		34.940	27.77		1479.5								
	OBS 00850 STD 00900		34.93	27.78 27.78	00.520	1480.5								
	OBS 00900		34.930	27.78	308720	1480.5								
	OBS 00955	03.69	34.930	27.78		1481.3								
	STD 01000	03.67	34.93	27.79	00.561									
C	OBS 01001 OBS 01020		34.930 34.918	27.79 27.78		1482.0 1482.2								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8371 CONSEC 0006 LAT 43 49.2N LONG 048 55.0W	MCNTH 06 DAY 12	BOTDP 00670 SHIP EV DATA USE 1 AREA 05	WET BULB 06.1 BANDMETR 1021.8	DIR HGT PER 36 3 4 SEA CL/TR	WIND-DIR 26 WIND-SPD 10 WIND-FOR WEATHER X1	INST STO RECORDER TRACE DIR D OURATION 00.3 ORIG 011 607	
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNDPTH SND VEL	DXYG PO4	TOT P NO2 NO3	S103 PH
CASTNUM/TIME 12.2	UVLTYP	03.48 03.48 03.48 03.48 03.25 03.17 02.88 02.06 00.72 00.37 00.34 -0.23 -0.47 -1.04 -1.54 -1.54 -1.54 -1.55 -1.51	SAL SIGMA-T 32.78	00.000 1461.7 00.019 1461.7 00.019 1461.3 1460.9 00.038 1460.6 1459.4 1455.7 1450.1 00.056 1448.7 1448.2 1446.1 1445.1 1440.3 1440.2 1440.3 1440.2 1440.7 1440.7 1440.7 100.176 1443.8 00.147 1441.6 1441.7 00.16 1443.8 00.203 1466.8 00.203 1466.5 1469.2 1452.7 00.284 1457.9 1452.7 00.284 1457.9 1456.5 100.363 1469.1 1463.2 1463.2 1463.2 1463.2 1463.2 1463.5 00.363 1469.1 1463.8 00.408 1473.7	DXYG PO4	TOT P NG2 NG3	SIO3 PH
			****	******			
REFID 31 8371 CONSEC 0007 LAT 43 54.8N LONG 049 03.8W	YEAR 1974 MONTH 06 DAY 12 HOUR 13.9	BOTDP 00281 SHIP EV DATA USE I AREA 05	AIR TEMP 08.5 WET BULB 08.0 3ARGMETR 1021.5 CLUUD T/A	DIR HGT PEK 26 3 2 SEA CL/TR	WIND-DIR 26 WIND-SPD 06 WIND-FOR WEATHER X1	INST STD RECORDER TRACE DIR D DURATION 00.2 CRIG 011 608	TEN SQ 1306 5 SQUARE 2 2 SQUARE 28 1 SQUARE 39
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNOPTH SNO VEL	DXYG P34	TOT P NO2 NO3	S103 PH
13.9	STD 00000 OBS 00003 STD 00010 OBS 00017 STD 00020 OBS 00022 OBS 00024 OBS 00024 OBS 00026 STD 00030 OBS 00037 STD 00050 CBS 00057 STD 00100 CBS 00117 CBS 00127 OBS 00127 OBS 00150 OBS 00	03.78 03.78 03.78 03.65 03.63 03.60 03.24 03.17 03.08 02.75 02.63 02.00 01.36 00.42 - 0.03 - 0.24 - 0.49 - 1.21 - 1.26 - 1.56 - 1.45 - 1.43 - 1.35 - 1.34 - C.70 - 0.10 - 0.05 00.67 00.67 00.70 01.43 01.52 01.56 02.06	32.70	00.000 1462.8 1462.9 00.020 1462.4 1462.4 1462.4 1460.7 1460.3 1458.9 1458.4 00.058 1458.4 1452.9 1449.1 00.091 1447.2 1440.3 1445.4 00.128 1442.3 1442.3 1442.3 1442.3 1442.3 1442.3 1442.3 1442.3 1442.3 1442.3 100.191 1441.3 00.193 1442.2 1442.3 1442.3 1442.3 1442.3 1442.3 1442.3 100.193 1442.2 1462.3 1459.5 1461.6 1459.5 1461.6 1462.2 1462.3			

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID 3 CONSEC LAT 4 LONG 04	0008 43 56 8N	MONT	1974 H 06 12 15.0	BOTDP 00091 SHIP EV DATA USE I AREA 05	BARO	TEMP 10.3 BULB 10.1 METR 1021.2 D T/A	DIR H 35 SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	10	TRACE DURAT	STD REC DIR ION 011 609	00.1	5 SG 2 SG	SQ 1306 DUARE 2 DUARE 28 DUARE 39
CASTN	UM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	N03	\$103	РН
	15.0	STD OBS OBS OBS STD OBS STD OBS	00000 00001 00003 00005 00010 00011 00020 00030 00030 00036 00045 00057 00057 00078	- 1.26	32.70 32.697 32.699 32.670 32.69 32.700 32.700 32.700 32.700 32.700 32.700 32.700 32.700 33.000 33.000 33.002 33.023 33.023 33.234 33.274 33.274 33.274 33.274	25.94 25.94 25.92 25.92 25.95 25.96 26.00 26.00 26.03 26.12 26.15 26.37 26.49 26.54 26.54 26.77	00.000 00.021 00.041 00.062 00.097	1465 - 6 1465 - 8 1465 - 1 1465 - 1 1465 - 1 1464 - 7 1464 - 4 1463 - 3 1462 - 4 1459 - 2 1457 - 4 1452 - 2 1450 - 0 1449 - 6 1448 - 0							
						****	*******	*							
LONG 04	0009 3 59.2N	MONTI DAY HOUR LVLTYP STD DBS	DEPTH 00000 00000	02.00	WET E BARON CLUUE SAL 32.63	SIGMA-T 26.10	DIR HO 34 SEA CL/TR DYNDPTH	3 3 SND VEL 1455.0	WIND-DIR WIND-SPD WIND-FOR WEATHER DXYG	X1	TRACE BURAT	STO REC DIR TION 011 610	00.1	5 Si	SQ 1306 QUARE 2 QUARE 28 QUARE 39
		OBS OBS STD OBS OBS OBS OBS STD OBS STD OBS OBS OBS OBS OBS	00003 00007 00010 00011 00013 00017 00020 00020 00022 00030 00030	04.47 04.43 04.41 04.39 04.08 03.65 03.30 02.99	32.635 32.643 32.663 32.667 32.669, 32.627 32.60 32.577 32.87 32.87 32.884 32.907	25.85 * 25.89 25.92 25.93 25.94 25.96 25.97 25.97 26.18 26.31 26.32	00.020	1465.7 1465.6 1464.4 1462.5 1461.0 1459.6 1457.2							
						*****	******	•							
REFID 3 CONSEC LAT 4- LONG 04-	0010 4 03.5N	MONT	1974 H Oc 12 10.8	BOTOP OOJ+2 SHIP EV DATA USE i AKEA O5		OLE 08.5 FETR 1021.9		GT PER 2 3	WIND-DIR WIND-SPD WIND-FOR WEATHER	08	TRAC I	STD REG E DIR FION OIL 611	00.1	5 S 2 S	SQ 1306 QUARE 2 QUARE 4F QUARE 4:
CASTNU	M/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SAD VEL	OXY G	P04	TCT P	NO2	N03	\$103	РН
	16.8	STD OBS OBS STD OBS STD CBS OBS OBS OBS OBS OBS OBS OBS	00000 00001 00007 00011 00011 00020 00022 00024 00028 00030 00030 00030	04.83 04.53 04.53 04.44 04.09 03.56 03.20 02.89 02.89 02.87 02.82	32.06 32.06 32.06 32.06 32.06 32.07 32.09 32.09 32.09 32.77 32.78 32.78 32.78 32.78	25.67 25.87 25.89 25.90 25.91 25.97 25.98 26.00 26.05 26.14 26.15 26.15 26.15	00.000 00.021 00.042 00.062	1467.2 1466.0 1465.9 1465.8 1404.5 1464.0 1462.8 1400.7 1459.6							

REFID 31 8371 CONSEC 0011 LAT 44 46.5N LONG 049 21.8W	YEAR 19 MONTH DAY HOUR 06	06 13	BOTOP 00064 SHIP EV DATA USE 1 AREA 05	AIK 1 WET E BAKON CLGUE	ULB 06.5 IETR 1023.8	DIR H 19 SEA CL/TR	GT PER 1 3	WIND-DIR WIND-SPD WIND-FOR WEATHER	14	DURA	STD REC E DIR TION Oll 612	00.1	5	N SQ 1306 SQUARE 2 SQUARE 48 SQUARE 49
CASTNUM/TIME	LVLTYP D	EPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TCT P	NO2	N03	\$103	PH
06.8	OBS	0000 0000 0010 0015 0020 0025 0030 0035 0035 0050 0055	03.96 03.96 03.91 03.91 03.36 03.30 03.30 03.21 02.03 00.63 - 0.09 - 0.56 - 0.56	32.71 32.710 32.71 32.71 32.650 32.73 32.730 32.750 32.67 32.67 32.67 32.67 33.07 33.140	25.99 25.99 26.00 26.00 26.07 26.07 26.10 26.13 26.13 26.13 26.37 26.46 26.60 26.66		1455.7 1449.8 1446.7							
		0057	- 0.81	33.150	26.67		1443.9							
					*****	******	•							
REFID 31 8371 CONSEC 0012 LAT 44 45.5N LONG 049 14.2W	YEAR 197 MONTH C DAY 1 HOUR 07	06 13	BOTDP 00064 SHIP EV DATA USE 1 AREA 05	AIR T WET 8 BAROM CLGUD	ULB 05.9 ETR 1023.8	DIR H 19 SEA CL/TR	GT PER 1 3	WIND-DIR WIND-SPD WIND-FOR WEATHER	14	TRAC	STD REC E DIR TION 011 613	00.1	5 2	EN SQ 1306 SQUARE 2 SQUARE 48 SQUARE 49
CASTNUM/TIME	LVLTYP DE	EPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P0 4	TOT P	NO2	NO3	\$103	PH
07.9	OBS OCO OCO OBS OCO	0000 0000 0005 0010 0015 0020 0025 0030 0035 0040 0045 0050 0055	03.91 03.92 03.72 03.72 02.86 02.86 02.86 02.38 02.05 01.71 00.50 - 0.20 - 0.33 - 1.05 - 1.09	32.81 32.810 32.810 32.82 32.82 32.800 32.81 32.81 32.790 32.790 32.790 32.850 33.050 33.136 33.150	26.08 26.08 26.08 26.10 26.15 26.17 26.17 26.19 26.22 26.22 26.33 26.37 26.57 26.57 26.66	00.038	1459.4 1457.3 1455.9 1455.9 1454.7 1449.3 1446.4 1445.9 1445.9 1442.7							
					*****	******	•							
REFID 31 8371 CONSEC 0013 LAT 44 44.0N LONG 049 03.0%	YEAR 19 MONTH (DAY HOUR 08	06 13	BOTDP 00284 SHIP EV DATA USE 1 AREA 05	AIR 1 HET E BAKON CLGUE	ULB TETR 1024-1	DIR H 19 SEA CL/TR	2 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	72	TRAC	STD REG E DIR TION 011 614	00 • 1	5 2	EN SQ 1306 SQUARE 2 SQUARE 48 SQUARE 49
CASTNUM/TIME	LVLTYP DI	EPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	РН
08.80	OBS OF OB	0000 0003 0005 0013 0013 0020 0020 0020 0032 0034 0050 0075 0076 00150 00150 0150 0150 0150 0150 0150 0150 0150 0150 0150 0150 0150 0150 0150 0150 015	02.52 02.52 03.52 03.16 02.96 02.62 02.79 02.66 03.25 01.82 0.52 0.52 0.52 1.47 1.50 1.70 1.67 1.58 1.	32.76 32.785 32.7787 32.7765 32.7765 32.7765 32.7750 32.750 32.910 33.125 33.231 33.125 33.230 33.125 33.230 33.250 34.105 34.105 34.105	26.10 26.10 26.12 26.12 26.14 26.14 26.15 26.18 26.18 26.18 26.47 26.67 26.67 26.67 26.77 26.78 26.94 26.94 27.02 27.17 27.18 27.19 27.20 27.20 27.21 27.23 27.33 27.33 27.33 27.33	00.000 00.019 00.038 00.057 00.050 00.123 00.186 00.215 00.265	1461.9 1461.9 1460.4 1459.6 1459.0 1459.0 1459.9 1458.0 1454.8 1454.9 1449.0 1440.3 1440.3 1440.3 1440.3 1440.7 1440.7 1440.7							

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID 31 8371 CONSEC 0014 LAT 44 41.0N LONG 048 56.3W	MONTH 06 DAY 13	BOTDP 00252 SHIP EV DATA USE I AREA 05	HET B BAROM	ULB 06.8 ETR 1025.0	DIR H 19 SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	12	TRACE DURAT		00.1	5 3	N SQ 13 SQUARE SQUARE SQUARE	48
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P0 4	TOT P	NO2	NO3	\$103	PH	
	STD 00000	02.85	32.88	26.23	00.000	1459.1								
12.5	085 00001		32.875	26.23		1459.1								
	085 00009	02.83	32.876	26.22		1459.1								
	STD 00010	02.78	32.87	26.23	00.018	1458.9								
	OBS 00017	02.34	32.865	26.26		1457.1								
	STD 00020	02.33	32.87	26.26	00.036									
	OBS 00020	02.33	32.870	26.26		1457.1								
	DBS 00026	02.02	32.876	26.29		1455.9								
	STD 00030	00.45	32.81	26.34	00.053	1448.8								
	085 00032	- 0.25	32.776	26.34		1445.6								
	DBS 00036	- C.66	33.020	26.56		1444-1								
	OBS 00038	- 1.06	33.003	26.56		1442.2								
	QBS 00040	- 1.31	33.076	26.62		1441-2								
	STD 00050	- 1.59	33.11	26.66	00.084	1440.1								
	OB\$ 00051	- 1.62	33.120	26.67		1440.0								
	STD 00075	- 1.70	33.23	26.76	00.117	1440.2								
	OBS 00076	+ 1.70	33.235	26.76		1440.2								
	OBS 00083	- 1.72	33.250	26.78		1440.2								
	STD 00100	- 1.69	33.26	26.79	00.149									
	OB\$ 00100	- 1.69	33.265	26.79		1440.7								
	STD 00125	- 1.44	33.37	26.87	00.180	1442.4								
	OBS 00127	- 1.42	33.380	26.87		1442.5								
	OBS 00139	- 1.35	33.400	26.89		1443.1								
	DBS 00146		33.460	26.93		1444.0								
	STD 00150		33.46	26.93	00.209	1444-4								
	OBS 00152		33.460	26.93		1444.6								
	OBS 00175		33.565	27.01		1445.9								
	STD 00200		33.59	27.02	00.263									
	OBS 00201		33.600	27.02		1448.0								
	OBS 00226		33.735	27.12		1450 - 1								
	085 00245		33.960	27.26		1454.5								
	STD 00250		33.96	27.25	00.309									
	OBS 00251	00.59	33.950	27.25		1454.7								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

		YEAR MONTH DAY HOUR	06 13	BOTOP 02169 SHIP EV DATA USE 1 AREA 05	AIR T WET B BAROM CLUUD	ULB 06.7 ETR 1025.0		GT PER 3 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	16	TRA	C E	TD RECO DIR ION)11 616	DRDER D 00.4	5	N SQ 1306 SQUARE 2 SQUARE 48 SQUARE 48
CASTNUM/T	IME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P04	TOT	P	NO2	N03	\$103	PH
		STD	00000	03.29	32.78	26.11	60.000	1460.8								
1:	3.7	085	00000	03.29	32.780	26.11		1460.8								
		OBS	00007	03.24	32.770 32.72	26.11 26.11	06.019									
		STD 08S	00010	02.84 02.67	32.710	26.11	000017	1458.3								
		08 \$	00017	02.49	32.780	26.18		1457.7								
		085	00019	02.24	32.770	26.19		1456.6								
		STD	00020	01-89	32.74	26.20	00.038	1455.0								
		OBS	00020	01.59	32.734	26.21		1453.7								
		OBS	00026	- 0.11 - 0.29	32.915	26.45 26.54		1445.7								
		OBS STD	00028	- C.40	33.01	26.54	00.055	1445 - 2								
		OBS	00032	- 0.84	32.987	26.54		1443.1								
		OBS	00034	- 1.40	33.050	26.61		1440.6								
		OBS	00038	- 1.67	33.130	26.68		1439.5								
		OBS	00040	- 1.63	33.130	26.68		1439.8								
		OBS	00049	- 1.71 - 1.70	33.250 33.25	26.78 26.78	00.082	1439.7								
		085	00051	- 1.69	33.250	26.78	00000	1439.8								
		STD	00075	- 1.66	33.33	26.84	00.113	1440.5								
		085	00079	- 1.65	33.35U	26.86		1440.6								
		STD	00100	- 1.17	33.45	26.92	00.143	1443.4								
		OBS	00100	- 1.15	33.455	26.93	00.170	1443.5 1445.4								
		STD	00125	- 0.87 - 0.86	33.59 33.590	27.03 27.03	00.110	1445.4								
		STD	00150	- 0.66	33.60	27.02	00.196	1446.8								
		DBS	00150	- 0.66	33.597	27.03		1446.8								
		OBS	00175	- 0.52	33.620	27.04		1447-9								
		STD	00200	- 0.35	33.72	27.11	00.246	1449.2								
		08 S 08 S	00201	- 0.32 00.30	33.735 33.93u	27.12 27.25		1452.9								
		STD	00250	00.63	34.05	27.33	00.288	1455.0								
		DBS	00251	00.71	34.060	27.33		1455.4								
		OBS	00257	01.16	34.090	27.33		1457.5								
		OBS	00260	01.12	34.110	27.34		1457.4								
		08S 08S	00266	01.33 C1.25	34.145 34.150	27.36 27.37		1458.2								
		OBS	00279	02.36	34.280	27.39		1463.5								
		OBS	00283	02.46	34.285	27.38		1464.0								
		OBS	00289	01.86	34.260	27.41		1461-4								
		DBS	00297	01.48	34.246	27.42	00.324	1459.8 1459.7								
		STD	00300	01.44 01.43	34.26 34.270	27.45 27.45	00.324	1459.7								
		OBS	00321	01.48	34.30ú	27.47		1460.3								
		OBS	00350	01.91	34.430	27.54		1462.9								
		OBS	00373	02.36	34.490	27.56		1465.3								
		OBS	00386	03.63	34.630	27.55	00.386	1471.2 1471.6								
		STD	00400	03.67 03.68	34.62 34.624	27.54 27.54	00.300	1471.6								
		08\$	00403	03.67	34.620	27.54		1471.6								
		OBS	00413	03.85	34.725	27.60		1472.7								
		OBS	00426	04.33	34.780	27.60		1475.0								
		OBS	00451	03.90	34.770	27.64	00.440	1473.6								
		STD OBS	00500	03.73 03.72	34.77 34.775	27.66 27.66	00.440	1473.7								
		DBS	00550	03.90	34.830	27.68		1475.3								
		STD	00600	03.97	34.85	27.65	00.488	1476.4								
		085	00603	03.97	34.850	27.69		1476.5								
		OBS	00651	03.90	34.830	27.68	00.636	1477.0								
		STD	00700	03.96 03.96	34.85 34.850	27.69 27.69	00.535	1478.1								
		D8 S	00750	03.96	34.845	27.69		1478.9								
		STD	00800	03.92	34.86	27.70	00.583	1479.6								
		OBS	00803	03.92	34.860	27.70		1479.6								
		OBS	00854	03.85	34.860 34.86	27.71 27.72	00.630	1480.2								
		STD	00900	03.79	34.866	27.72	44.630	1480.7								
		OBS	00951	03.74	34.850	27.72		1481.3								
		STD	01000	03.72	34.85	27.72	00.677	1482.0								
		OBS	01001	03.72	34.850	27.72		1482.1								
		OBS	01026	03.71	34.850	27.72		1482.4								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSEC LAT LONG O	44 3	0016 2.0N	YEAR MONTI DAY HOUR		BOTOP 03065 SHIP EV DATA USE 1 AREA 05	BAND		29	GT PER 1 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	14	TR CU	AC E	STD REG DIR ICN GIL 61	00 • 4	5 2	N SQ 1306 SQUARE 2 SQUARE 48 SQUARE 48
CASTN	UHZT	I ME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SAC VEL	OXY G	P0 4	TOT	P	NO2	N03	\$103	PH
			STD	00000	03.16	32.91	26.23	00.000	1460.5								
	1	6.4	OBS	00001	03.16	32.907	26.23		1460.5								
			STD	00010	02.77	32.90	26.25	00.018	1458.5								
			OBS STD	00011	02.72	32.90J 32.91	26.26 26.28	00.036	1458.7								
			OBS	00020	02.54	32.910	26.28	00.036	1458.0								
			085	00022	02.43	32.905	26.28		1457.7								
			OBS	00024	01.70	32.900	26.34		1454.5								
			STD	00030	- 0.21	33.07	26.56	00.052									
			OBS	00030	- 0.37	33.070	26.55		1445 - 4								
			OBS	00032	- C.95	33.060	26.60		1442.7								
			OBS OBS	00034	- 1.34 - 1.63	33.120 33.250	26.66 26.78		1441.0								
			STD	00050	- 1.57	33.31		00.079	1440.5								
			085	00051	- 1.55	33.327	26.84		1440.0								
			STD	00075	- 1.49	33.37	26.87	00.109	1441.3								
			085	00078	- 1.42	33.400	26.89		1441-8								
			OBS	00081	- 1.31	33.450	26.93		1442.4								
			08 S 08 S	00085	- 0.77 - 0.93	33.480	26.93 . 26.94		1445.0								
			085	00093	- 0.77	33.48u 33.61u	27.04		1444.4								
			STD	00100	- 0.60	33.68	27.09	00.136									
			OBS	00102	- 0.47	33.720	27.12		1447.0								
			085	00106	- 0.36	33.740	27.13		1447.6								
			085	00114	- 0.67	33.800	27.16		1449.2								
			STD	00125	00.23	33.89	27.22	00.159									
			OBS STD	00125	0C.25 01.00	33.90. 34.08	27-23 27-33	00.179	1451.0								
			085	00150	01.01	34.08>	27.33	001117	1455.1								
			085	00177	01.16	34.160	27.38		1456.3								
			STD	00200	01.52	34.26	27.44	00.214									
			OBS	00203	01.56	34.276	27.44		1456.7								
			OBS	00226	01.75	34.300	27.45	02 215	1459.5								
			STD	00250	02.03	34.44	27.54 27.54	03.245	1461.8								
			OBS	00276	32.18	34.480	27.56		1462.9								
			STD	00300	02.39	34.50	27.56	00.273									
			085	00300	02.40	34.500	27.56		1464.3								
			OBS	00336	02.59	34-510	27.55		1465.7								
			DBS STD	00361	04.71	34.83C 34.85	27.63	00.327	1475.5								
			OBS	00401	04.74	34.856	27.61	00.321	1476.4								
			085	00451	04.69	34.854	27.61		1477.0								
			STD	00500	04.62	34.86	27.63	00.361	1477.5								
			OBS	00500	04.62	34.566	27.63		1477.5								
			OBS	00519	04.55	34.660	27.64		1477.5								
			STD SBO	00600	04.41	34.65 34.850	27.65	00.433	1478.3								
			OBS	00662	04.26	34.850	27.66		1478.7								
			STD	00700	04.15	34.85	27.66	00.484									
			OBS	00715	04.11	34.830	27.66		1478.9								
			OBS	00750	04.02	34.845	27.68		1479.1								
			STD	00800	04.01	34.84	27-68	00.535									
			OBS OBS	00801	04.01	34.84U 34.84L	27.08 27.68		1479.9								
			STD	00900	03.99	34.83	27.68	00.586									
			OBS	00900	03.97	34.830	27.68		1481.4								
			OBS	00951	03.92	34.844	27.65		1482-1								
			STD	01000	03.81	34.63	27.69	00.636									
			OBS	01001	03.81	34-834	27.69		1482.4								
			OBS	01020	03.79	34.830	27.69		1482.6								

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

CASIMUM/TIME LYALTYP DEPTH TEMP 1AL 510M-7 DYNOPH 5MD VEL OXYG PQ4 TOT P NG2 MG3 5103 PH 19-80 CH 19-8	REFID 31 8371 CONSEC 0017 LAT 44 27.0N LONG 047 46.8W	MONT	1974 1 06 13 19.8	BOTDP 02658 SHIP EV DATA USE I AREA 05	AIR 1 WET E BAKO CLOU	SULB 06.7 METR 1027.0	23		WIND-DIR WIND-SPD WIND-FOR WEATHER	03	DURA	STO REC E DIR FION OIL 618	00.4	5	N SQ 130 SQUARE SQUARE 4 SQUARE 4
19.8 085 00003 10.25 34.270 20.38 1400.7 081 00011 10.27 34.270 20.38 1400.7 082 00013 10.27 34.281 20.38 083 00013 10.27 34.281 20.38 083 00013 10.27 34.281 20.38 083 00013 10.27 34.281 20.38 083 00013 10.27 34.281 20.38 083 00020 00.55 34.29 20.49 083 00020 00.55 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 10.78 34.29 20.49 083 00020 11.26 33.49 20.49 083 00020 11.26 33.49 20.49 083 00020 11.26 33.49 20.49 083 00020 11.26 33.49 20.49 083 00020 11.26 33.49 20.49 083 00020 11.26 33.49 20.29 084 00020 11.26 33.49 20.29 085 00020 11.26 33.49 20.29 085 00020 11.26 33.49 20.29 085 00020 11.26 34.29 20.29 085 00020 11.26 34.29 20.29 085 00020 11.26 34.29 20.29 085 00020 11.26 34.29 20.29 085 00020 11.27 20.29 20.29 085 00020 11.26 34.29 20.29 085 00020 11.26 34.29 20.29 085 00020 11.26 34.29 20.29 085 00020 11.26 34.29 20.29 085 00020 10.27 20.49 20.29 085 00020 10.27 20.49 20.29 085 00020 10.29 20.29	CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
STO 00010 10.27 34.28 20.28 00.017 1490.4							00.000								
085 0015	19.8						00.017	1490.6							
085 00015 00167 34,727 20-42 1488.5 085 00201 00167 34,727 20-46 1482.5 085 00202 00175 34,727 20-46 1482.5 085 00202 00175 34,727 20-46 1482.5 085 00202 00175 34,727 20-46 1482.5 085 00202 00175 34,727 20-46 1482.5 085 00203 11.148 34,690 20-462 34,490 20-462 34,490.8 085 00203 11.128 35,460 20-46 34,490 20-46 34,490.8 085 00203 11.228 35,460 20-47 34,490 20-46 34,490.8 085 00203 11.228 35,460 20-47 34,490 20-46 34,490.8 086 00203 11.228 35,460 20-47 34,490 20-46 34,490.8 087 00203 11.278 35,460 20-47 34,490 20-46 34,490.8 088 00203 12.278 35,460 20-47 34,490 20-46 34,490.8 088 00203 12.278 35,400 20-47 34,490 20-46 34,490.8 089 00203 12.278 35,400 20-47 34,490 20-46 34,490.8 089 00203 12.278 35,400 20-47 34,490 20-46 34,490.8 089 00203 12.278 35,400 20-47 34,490 20-46 34,490 20-46 34,490 20-46 34,490 20-46 34,490 20-46 34,490 20-46 34,490 20-46															
STO 00020								1489.2							
Des							00.033								
Color				09.65	34.270	26.46	000000	1488.5							
\$10 00000 10, 40 3-69 20-62 00 00-60 1492-8 00 00-60 12-20 31-80 00-60 12-20 31-80 00-60 12-20 31-80 00-60 12-20 31-80 00-60 12-20 31-80 00-60 12-20 31-80 00-60 12-20 31-80 00-60 12-20 31-80 00-60 12-20 31-80 00-60 12-20 31-80 00-60 12-20 31-80 00-60 12-20 31-80 00-60 12-20 00-60 12-20 00-60 12-20 00-60 12-20 00-60 12-20 00-60 00-60 00-60 12-20 00-60 0															
085 00032 11.16 34.830 26.63 14.54.9 085 00050 11.30 35.148 26.79 085 00050 13.28 35.449 26.71 085 00050 13.28 35.449 26.71 085 00051 13.28 35.449 26.71 085 00051 13.28 35.449 26.71 085 00051 13.26 35.490 26.74 085 00081 13.06 35.490 26.74 085 00089 12.28 35.490 26.74 085 00089 12.28 35.490 26.76 085 00089 12.28 35.490 26.76 085 00089 12.28 35.490 26.76 085 00089 12.29 35.400 26.88 085 00089 12.29 35.400 26.88 085 00089 12.29 35.400 26.88 085 00089 12.29 35.400 26.88 085 00089 12.29 35.400 26.88 085 00100 00.77 35.00 26.88 085 00100 00.77 34.770 26.97 085 00140 00.49 34.773 26.97 085 00140 00.49 34.773 26.97 085 00140 00.49 34.773 26.97 085 00140 00.49 34.773 26.97 085 00140 00.49 34.870 27.07 085 00140 00.49 34.870 27.07 085 00150 00.19 34.780 27.07 085 00150 00.19 34.880 27.07 085 00150 00.15 34.880 27.10 085 00173 00.15 34.90 27.10 085 00173 00.15 34.90 27.10 085 00173 00.17 34.780 27.10 085 00173 00.17 34.90 27.10 085 00173 00.17 34.90 27.10 085 00173 00.17 34.90 27.10 085 00173 00.17 34.90 27.10 085 00173 00.17 34.90 27.10 085 00173 00.17 34.90 27.10 085 00170 01.65 34.90 27.10 085 00170 01.65 34.90 27.10 085 00170 01.65 34.90 27.10 085 00170 01.65 34.90 27.10 085 00170 01.65 34.90 27.10 085 00170 01.65 34.90 27.10 085 00170 01.65 34.90 27.10 085 00170 01.65 34.90 27.10 085 00170 01.65 34.90 27.10 085 00170 01.65 34.90 27.10 085 00170 01.65 34.90 27.10 085 00170 01.65 34.90 27.10 085 00170 01.70 34.90 27.10 085 00170 01.70 34.90 27.10 085 00170 01.70 34.90 27.10 085 00170 01.70 34.90 27.10 085 00170 01.70 34.90 27.10 085 00170 01.70 34.90 27.10 085 00170 01.70 34.90					34.69	26.62	00.048	1492 - 8							
085 00036 12-30 35-181 26-69 1499-3 1499-3 1502-9 15															
STO				12.30	35.186	26.69		1499.3							
085 00051 12-29 35-40-2 22-71 1503-3 1							00-076								
C85 00076 13.14 35.46C 26.74 1503.2 C85 00091 13.00 35.46C 26.76 1503.0 C85 00091 12.76 35.512 26.85 1502.3 C85 00095 12.39 35.420 26.86 1500.9 C85 00095 12.39 35.420 26.86 1500.9 C85 00100 10.75 35.00 26.85 1500.9 C85 00104 04.75 34.760 26.86 04.42 1447.7 C85 0014 08.74 34.752 26.87 1447.7 C85 0014 08.74 34.752 26.87 1447.7 C85 0014 08.74 34.752 27.02 C85 0015 08.37 34.780 27.02 C85 0014 08.85 34.877 27.02 C85 0014 08.85 34.877 27.08 C85 0015 08.37 34.780 27.07 C85 0015 08.83 34.877 27.08 C85 0016 08.83 34.877 27.09 C85 0016 08.83 34.877 27.00 C85 0017 08.80 34.877 27.00 C85 0017 08.80 34.487 27.10 C85 0017 08.80 34.877 27.10 C85 0017 08.80 34.879 27.11 C85 0017 08.80 34.879 27.12 C85 0027 08.23 34.94 27.21 C85 0027 08.23 34.94 27.21 C85 0021 08.40 34.990 27.22 C85 0021 08.40 34.990 27.22 C85 0021 08.40 34.990 27.22 C85 0021 08.40 34.990 27.23 C85 0021 08.40 34.990 27.23 C85 0020 07.54 34.880 27.23 C85 0020 07.54 34.990 27.23 C85 0020 07.55 34.46 27.24 C85 0020 07.55 34.880 27.25 C85 0020 07.55 34.880 27.40 C85 0020				13.29	35.465	26.71		1503.3							
085 00051 12-06 35-40-7 20-76 1503-0 1501-5 20-76 0005 12-39 35-397 20-76 1501-5 20-76 1501-5 20-76 20						26.74	00.110								
CBS					35.465	26.76		1503.0							
STD															
085 00102 09-96 34,840 26-85 1-51.7 1-489-9 00104 09-96 34,840 26-85 1-51.7 1-489-9 00104 09-96 34,840 34,757 26-96 27-96 00104 09-96 34,840 34,757 26-96 27-96 09-96 09-96 27-96 09-96 27-96 09-96 09-96 27-96 09-96 09-96 27-96 09-96 09-96 27-96 09-96 09-96 27-96 09		CBS	00095	12.39	35.420	26.86		1500.9							
085 00114 02.4 34.757 26.97 1.4677.3 34.781 0.0012 02.0014 02.4 34.757 26.99 1.4677.3 3.750 0012 08.41 34.777 27.02 00.171 14677.3 0.0012 08.50 0012 08.47 34.781 27.07 14677.3 1466.3 1.666.3							00.142								
085 00125 08.61 34.77 27.02 00.171 1487.0 085 00125 08.60 34.77 27.02 77.02 1486.0 085 00139 08.37 34.760 27.08 1486.0 085 00149 08.37 34.760 27.08 1486.0 085 00140 08.65 34.87 27.09 00.197 1487.7 085 00150 08.65 34.87 27.09 00.197 1487.7 085 00151 08.63 34.90 27.16 1488.3 085 00113 08.63 34.90 27.16 1488.3 085 00113 08.63 34.90 27.16 1488.3 085 00115 08.63 34.90 27.16 1488.3 085 00217 08.19 34.90 27.12 1488.1 085 00217 08.45 34.90 27.12 100.24 1488.1 085 00217 08.45 34.90 27.12 1488.1 085 00217 08.45 34.90 27.12 1488.1 085 00217 08.45 34.90 27.12 1488.1 085 00217 08.45 34.90 27.12 1488.1 085 00210 08.45 34.90 27.13 1488.1 085 00210 07.18 34.90 27.13 1488.1 085 00210 07.18 34.90 27.31 1488.1 085 00210 07.18 34.90 27.31 1488.1 085 00210 07.56 34.98 27.34 1488.1 085 00250 07.18 34.90 27.31 1488.2 085 00250 07.18 34.90 27.31 1488.2 085 00250 07.18 34.90 27.31 1488.2 085 00250 07.18 34.90 27.31 1488.2 085 00250 07.18 34.90 27.31 1488.2 085 00250 07.18 34.90 27.34 1488.3 085 00250 07.18 34.90 27.34 148.3 085 00250 07.18 34.90 27.34 148.3 085 00250 07.18 34.90 27.34 148.3 085 00250 07.18 34.90 27.34 148.3 085 00250 07.18 34.90 27.34 148.3 085 00250 07.55 34.85 27.40 27.40 148.9 085 00270 08.55 34.850 27.34 148.9 085 00270 08.55 34.850 27.34 148.9 085 00270 08.55 34.850 27.34 148.9 085 00270 08.55 34.850 27.35 1489.4 085 00300 07.75 34.76 27.42 1478.7 085 00300 07.75 34.76 27.42 1478.7 085 00300 07.75 34.76 27.42 1478.4 085 00310 07.00 34.90 27.75 1479 1477.0 085 00300 07.75 34.850 27.75 1479 1477.0 085 00300 07.10 34.90 27.75 1479 1477.0 085 00300 07.10 34.90 27.75 1479 1479.0 085 00300 07.10 34.90 27.75 1479 1479.0 085 00300 07.10 34.90 27.75 1479 1479.0 085 00300 07.10 34.90 27.75 1479 1479.0 085 00300 07.10 34.90 27.75 1479 1479.0 085 00300 07.10 34.90 27.75 1479 1479.0 085 00300 07.10 34.90 27.75 1479 1479.0 085 00300 07.10 34.90 27.75 1479 1479.0 085 00300 07.10 34.90 27.75 1479 1479.0 085 00300 07.10 34.90 27.75 1479 1479.0 085 00300 07.10 34.90 27.75 1479 1479.0 085 00300 07.10 34.90 27.75 1479 1479.0 085 0030			00104	09.49	34.763	26.87		1489.9							
085 00129 08.60 34.772 27.02 1487.0 085 00146 08.53 34.77 27.07 1486.3 085 00146 08.55 34.837 27.07 1486.3 085 00146 08.55 34.837 27.08 1487.7 085 00150 08.65 34.837 27.10 00.197 1487.7 085 00151 08.67 34.910 27.11 1487.7 085 00141 08.43 34.930 27.71 1487.7 085 00151 08.67 34.910 27.11 1487.7 085 00151 08.78 34.950 27.71 15 1487.7 085 00161 08.79 34.950 27.71 15 1487.7 085 00200 08.23 34.950 27.71 15 1487.7 085 00200 08.23 34.950 27.72 21.09 00.197 1487.7 085 00200 08.18 34.960 27.24 1487.9 085 00221 08.43 34.950 27.25 1487.9 085 00222 07.41 34.930 27.25 1487.9 085 00222 07.41 34.930 27.25 1487.1 085 00220 07.35 34.960 27.24 1487.1 085 00220 07.35 34.960 27.24 1487.1 085 00220 07.43 34.930 27.25 1487.1 085 00220 07.55 34.980 27.35 1487.1 085 00220 07.56 34.980 27.35 1487.1 085 00221 07.56 34.980 27.35 1487.1 085 00221 07.54 34.930 27.33 1487.2 085 00226 07.54 34.930 27.35 1487.2 085 00226 07.54 34.930 27.35 1487.3 085 00227 08.45 34.970 27.34 1485.3 085 00226 07.55 34.880 27.35 1488.3 085 00227 08.45 34.970 27.34 1485.3 085 00226 07.55 34.85 27.35 1487.3 085 00226 07.56 34.850 27.35 1487.3 085 00227 08.45 34.970 27.34 1485.3 085 00226 07.55 34.85 27.35 1487.3 085 00227 08.45 34.970 27.34 1485.3 085 00228 08.00 34.770 27.40 1481.6 085 00310 07.55 34.88 27.35 00.287 1485.3 085 00229 08.00 34.770 27.40 1481.6 085 00310 07.57 34.76 27.44 1487.6 085 00310 07.57 34.76 27.49 1477.6 085 00310 07.50 34.890 27.35 1487.6 085 00310 07.50 34.890 27.35 1487.6 085 00310 07.50 34.890 27.35 1487.6 085 00310 07.50 34.890 27.75 1487.6 085 00310 07.50 34.890 27.75 1487.6 085 00310 07.50 34.890 27.75 1487.6 085 00310 07.50 34.890 27.75 1487.6 085 00310 07.50 34.890 27.76 1487.6 085 00310 07.50 34.890 27.76 1487.6 085 00310 07.60 34.990 27.76 1487.6 085 00310 07.60 34.990 27.76 1487.6 085 00310 07.60 34.990 27.76 1487.6 085 00310 07.60 34.990 27.76 1487.6 085 00310 07.60 34.990 27.76 1487.6 085 00310 07.60 34.990 27.76 1487.6 085 00310 07.60 34.990 27.76 1487.6 085 00310 07.60 34.990 27.76 1487.6 085 00310 07.60 34.990 27.76 1487.6							00-171								
Company			00125	08.60	34.773	27.02		1487.0							
STD															
CBS COLLET CB. C			00148	08.58	34.855	27.09		1487.4							
OBS ODI14 OB. 63 34.930 27.14 1487.9							00.197								
SYD 00200 08:23 34.940 27.16 1487.9 SYD 00200 08:23 34.940 27.22 00.244 1487.0 OBS 00205 08:15 34.940 27.22 1486.8 OBS 00207 08:16 34.940 27.22 1486.8 OBS 00211 08:18 34.940 27.22 1487.0 OBS 00211 08:19 34.960 27.22 1487.0 OBS 00212 07.48 34.950 27.25 1484.4 OBS 00226 07.41 34.830 27.25 1484.4 OBS 00226 07.43 34.950 27.32 1486.2 OBS 00226 07.43 34.950 27.32 1486.2 OBS 00226 07.43 34.950 27.32 1486.2 OBS 00226 07.44 34.830 27.25 1484.4 OBS 00210 07.43 34.950 27.33 1486.2 OBS 00227 07.43 34.950 27.33 1486.2 OBS 00227 07.54 34.970 27.34 1485.3 OBS 00276 06.65 34.830 27.38 1485.4 OBS 00276 06.55 34.850 27.38 1481.8 OBS 00276 06.55 34.850 27.38 1481.8 OBS 00277 06.55 34.850 27.38 1481.8 OBS 00270 07.57 34.76 27.42 1478.7 OBS 00300 07.72 34.76 27.42 1478.7 OBS 00300 07.71 34.76 27.42 1478.7 OBS 00300 07.71 34.76 27.42 1478.7 OBS 00314 07.8 34.700 27.49 1477.6 OBS 00314 07.8 34.700 27.49 1477.6 OBS 00315 07.7 04.8 34.970 27.44 1477.6 OBS 00310 07.7 04.8 34.970 27.44 1477.6 OBS 00310 07.7 13 34.700 27.42 1478.7 OBS 00310 07.7 13 34.700 27.49 1477.6 OBS 00310 07.7 13 34.700 27.49 1477.6 OBS 00310 07.5 13 34.700 27.49 1477.6 OBS 00310 07.5 13 34.700 27.49 1477.6 OBS 00310 07.8 34.800 27.5 1478.4 OBS 00310 07.8 34.8 30 27.5 1478.4 OBS 00310 07.8 34.8 30 27.5 1478.4 OBS 00310 07.8 34.8 30 27.5 1478.4 OBS 00310 07.8 34.8 34.9 27.5 1477.6 OBS 00350 07.8 34.8 34.9 27.5 1477.6 OBS 00350 07.8 34.8 34.9 27.5 1477.6 OBS 00450 07.1 34.9 07.0 27.4 1478.4 OBS 00450 07.1 34.9 07.0 27.4 1478.6 OBS 00450 07.1 34.9 07.0 27.4 1478.9 OBS 00450 07.1 34.9 07.0 27.4 1478.9 OBS 00450 07.1 34.9 07.0 27.7 1479.9 OBS 00450 07.1 3				08.63	34.930	27.14		1487.9							
STD 0200 08.23 34.94 27.22 1488.0 00.244 1487.0 08.5 00207 08.15 34.940 27.22 1488.0 08.5 00217 08.18 34.940 27.22 1488.1 08.5 00211 08.45 34.990 27.22 1488.1 08.5 00211 08.45 34.990 27.22 1488.1 08.5 00211 08.45 34.990 27.22 1488.1 08.5 00212 08.45 34.990 27.22 1488.1 08.5 00221 07.41 34.990 27.25 1488.1 08.5 00220 07.41 34.930 27.25 1488.1 08.5 00220 07.43 34.930 27.25 1488.2 08.5 00220 07.43 34.990 27.23 1488.2 08.5 00221 07.83 34.990 27.23 1488.2 08.5 00251 07.56 34.98 27.35 1488.3 1488.2 08.5 00251 07.56 34.98 27.35 1488.3 1488.2 08.5 00251 07.54 34.990 27.35 1488.3 1488.2 08.5 00251 07.54 34.990 27.35 1488.3 1488.9 08.5 00251 07.54 34.990 27.35 1488.3 1488.9 08.5 00251 07.54 34.990 27.35 1488.3 1488.9 08.5 00276 06.55 34.850 27.35 1488.3 1488.9 08.5 00276 06.55 34.850 27.38 1488.9 188.9 00276 08.5 00276 06.55 34.850 27.42 1488.9 188.9 188.9 00276 06.55 34.850 27.42 1488.9 1881.9															
085 00217 08.18 34.960 27.24 1487.0 085 00217 08.19 34.960 27.22 1488.1 085 00217 08.19 34.960 27.23 1487.2 085 00226 07.41 34.950 27.25 1484.4 085 00226 07.41 34.830 27.25 1484.4 085 00230 07.43 34.850 27.23 1487.2 085 00230 07.43 34.830 27.23 1487.2 085 00230 07.43 34.830 27.23 1485.2 085 00240 07.56 34.98 27.34 1485.3 085 00251 07.54 34.980 27.35 1485.4 085 00252 07.54 34.990 27.35 1485.4 085 00276 06.65 34.890 27.34 1485.4 085 00276 06.55 34.850 27.40 1481.6 085 00276 06.55 34.850 27.40 1481.6 085 00277 06.45 34.850 27.40 1481.6 085 00298 05.80 34.770 27.42 1475.6 085 00300 05.75 34.750 27.44 1477.6 085 00310 05.75 34.750 27.44 1477.6 085 00317 05.03 34.740 27.44 1477.6 085 00317 05.03 34.740 27.49 1477.6 085 00317 05.26 34.730 27.49 1477.6 085 00317 05.26 34.730 27.49 1477.6 085 00319 05.26 34.780 27.49 1477.6 085 00319 05.26 34.780 27.49 1477.6 085 00310 05.26 34.780 27.49 1477.6 085 00310 05.26 34.780 27.49 1477.6 085 00310 05.26 34.80 27.59 1477.6 085 00317 05.03 34.740 27.49 1477.6 085 00319 05.26 34.80 27.59 1477.6 085 00310 05.65 34.80 27.59 1477.6 085 00310 05.65 34.80 27.59 1477.6 085 00310 05.65 34.80 27.59 1477.6 085 00340 05.65 34.80 27.59 1477.6 085 00350 05.17 34.80 27.59 1477.6 085 00360 04.85 34.990 27.67 1477.6 085 00400 04.85 34.990 27.67 1477.6 085 00500 04.85 34.990 27.67 1477.6 085 00500 04.85 34.990 27.76 1477.6 085 00500 04.86 34.990 27.77 1480.77 1480.77 1480.7			00200	08.23	34.94	27.21	00.244	1487.0							
OBS OD211 OB. 45 34.990 27.22 1488-1 OBS OD222 O7.48 34.950 27.23 1487-2 OBS OD222 O7.48 34.950 27.25 1484-1 OBS OD223 O7.43 34.930 27.25 1484-1 OBS OD230 O7.43 34.930 27.25 1484-1 OBS OD230 O7.43 34.930 27.31 1486-3 OBS OD250 O7.56 34.98 27.31 1486-3 OBS OD250 O7.56 34.98 27.31 1486-3 OBS OD250 O7.56 34.98 27.34 1486-3 OBS OD272 O6.66 34.913 27.34 1481-6 OBS OD272 O6.66 34.913 27.34 1481-6 OBS OD277 O6.46 34.950 27.40 1481-6 OBS OD277 O6.46 34.950 27.40 1481-6 OBS OD270 O6.45 34.850 27.42 1478-7 OBS OD270 O6.45 34.850 27.42 1478-7 OBS OD270 O6.45 34.850 27.40 1477-6 OBS OD270 O6.45 34.850 27.40 1477-6 OBS OD270 O6.45 34.850 27.40 1477-6 OBS OD270 O6.45 34.850 27.55 1477-6 OBS OD270 O6.45 34.850 27.55 1477-6 OBS OD270 O6.45 34.850 27.55 1477-6 OBS OD270 O6.45 34.850 27.70 06.490 1478-4 OBS OD270 O6.45 34.950 27.70															
OBS			00211	08.45	34.990	27.22		1488.1							
OBS 00226 07.41 34.830 27.25 1484.4 OBS 00230 07.43 34.930 27.32 1484.4 OBS 00241 07.81 34.990 27.31 1485.3 OBS 00251 07.54 34.980 27.35 1485.3 OBS 00251 07.54 34.980 27.35 1485.3 OBS 00252 07.54 34.980 27.35 1485.3 OBS 00262 07.54 34.970 27.34 1485.3 OBS 00272 06.66 34.813 27.34 1485.4 OBS 00272 06.66 34.813 27.34 1485.4 OBS 00279 06.45 34.850 27.40 1485.4 OBS 00298 05.83 34.850 27.40 1478.7 OBS 00290 05.45 34.850 27.40 1478.7 OBS 00290 05.45 34.850 27.40 1478.7 OBS 00310 05.11 34.760 27.42 00.324 1478.7 OBS 00310 05.41 34.760 27.42 1478.7 OBS 00311 05.03 34.740 27.49 1475.6 OBS 00312 05.26 34.780 27.49 1475.6 OBS 00314 04.94 34.730 27.49 1475.6 OBS 00319 05.26 34.860 27.52 1478.4 OBS 00319 05.26 34.860 27.53 1477.6 OBS 00310 05.30 34.830 27.53 1477.6 OBS 00340 05.30 34.830 27.53 1477.6 OBS 00350 05.19 34.840 27.55 1478.4 OBS 00300 05.05 34.83 27.55 00.38 1477.5 OBS 00426 04.92 34.846 27.55 1478.9 OBS 00426 04.92 34.840 27.55 1478.9 OBS 00426 04.82 34.95 27.57 00.49 1478.9 OBS 00426 04.82 34.890 27.65 1478.9 OBS 00426 04.83 34.95 27.57 1478.9 OBS 00426 04.83 34.95 27.57 1478.9 OBS 00426 04.83 34.95 27.67 00.490 1479.4 OBS 00426 04.83 34.95 27.67 00.490 1479.4 OBS 00401 04.64 34.960 27.71 1479.4 OBS 00401 04.64 34.960 27.71 1479.4 OBS 00401 04.64 34.990 27.71 1479.4 OBS 00401 04.83 34.95 27.75 1479.9 OBS 00401 04.83 34.95 27.76 1482.8 OBS 00401 04.83 34.95 27.76 1482.8 OBS 00401 04.83 34.95 27.76 1482.8 OBS 00401 04.83 34.990 27															
SES O0241 O7.81 34.990 27.31 1486.2 STD O0250 O7.56 34.98 27.34 1485.3 OBS O0262 O7.54 34.980 27.35 1485.4 OBS O0276 O6.65 34.813 27.34 1481.6 OBS O0276 O6.65 34.850 27.38 1481.6 OBS O0276 O6.55 34.850 27.40 1481.6 OBS O0276 O6.55 34.850 27.40 1481.6 OBS O0297 O6.45 34.850 27.40 1481.6 OBS O0298 OS.80 34.770 27.42 00.324 1478.9 STD O0300 OS.75 34.760 27.42 00.324 1478.9 OBS O0300 OS.75 34.760 27.44 1477.6 OBS O0300 OS.75 34.730 27.49 1477.6 OBS O0311 OS.03 34.780 27.49 1476.0 OBS O0312 OS.26 34.780 27.52 1478.4 OBS O0325 OS.55 34.860 27.52 1478.4 OBS O0325 OS.55 34.860 27.52 1478.4 OBS O0350 OS.30 34.830 27.55 1477.6 OBS O0350 OS.13 34.830 27.55 1477.6 OBS O0350 OS.05 34.83 27.55 00.389 1477.6 OBS O0400 OS.05 34.83 27.55 1477.6 OBS O0400 OS.05 34.83 27.55 1477.6 OBS O0400 OS.05 34.845 27.52 1478.4 OBS O0400 OS.05 34.83 27.56 00.389 1477.6 OBS O0400 OS.05 34.845 27.52 1478.6 OBS O0400 OS.05 34.845 27.52 1478.6 OBS O0400 OS.05 34.845 27.52 1478.6 OBS O0400 OS.05 34.83 27.56 00.493 1477.6 OBS O0400 OS.05 34.940 27.69 1477.6 OBS O0400 OS.05 34.95 27.67 00.493 1478.6 OBS O0400 OS.05 34.95 27.73 00.494 1479.4 OBS O0400 OS.05 34.95 27.73 00.536 1479.4 OBS O0400 OS.05 34.95 27.73 00.536 1479.4 OBS O0400 OS.05 34.95 27.73 00.655 1482.8 OBS O0400 OS.05 34.95 27.73 00.655 1482.8 OBS O0400 OS.07 00.438 34.950 27.76 00.655 1482.8 OBS O0400 O			00226	07.41	34.830	27.25		1484.1							
085 00251 07.56 34.98 27.34 1485.3 085 00261 07.54 34.980 27.35 1485.3 085 00262 07.54 34.970 27.34 1485.4 085 00272 06.66 34.813 27.34 1481.6 085 00276 06.55 34.850 27.49 1481.6 085 00297 06.45 34.850 27.40 1481.6 085 00297 06.45 34.850 27.40 1481.6 085 00298 05.80 34.770 27.42 0.324 1478.7 085 00300 05.73 34.76 27.42 0.324 1478.7 085 00300 05.73 34.76 27.42 0.324 1478.7 085 00300 05.73 34.76 27.42 1478.7 085 00314 04.93 34.730 27.49 1475.6 085 00314 04.99 34.730 27.49 1477.0 085 00319 05.25 34.860 27.52 1478.4 085 00319 05.55 34.860 27.52 1478.4 085 00325 05.55 34.860 27.55 1477.4 085 00326 05.30 34.830 27.55 1477.6 085 00350 05.19 34.840 27.55 1477.6 085 00400 05.05 34.83 27.56 00.389 1477.6 085 00400 05.05 34.83 27.56 00.389 1477.6 085 00400 05.05 34.83 27.56 00.389 1477.6 085 00400 05.05 34.83 27.56 00.389 1477.6 085 00400 05.05 34.83 27.56 00.389 1477.6 085 00400 05.05 34.83 27.56 00.389 1477.6 085 00400 05.05 34.83 27.56 00.389 1477.6 085 00400 05.05 34.83 27.56 00.389 1477.6 085 00400 05.05 34.93 27.63 1477.5 085 00400 05.05 34.93 27.65 1477.5 085 00400 05.05 34.83 27.56 00.389 1477.6 085 00400 05.05 34.93 27.65 1477.5 085 00400 05.05 34.93 27.65 1477.5 085 00400 05.05 34.93 27.65 1477.5 085 00400 05.05 34.93 27.67 00.493 1478.6 085 00500 04.85 34.95 27.67 00.493 1478.6 085 00500 04.85 34.95 27.77 00.490 1478.6 085 00500 04.85 34.95 27.77 00.490 1478.6 085 00600 04.65 34.940 27.77 00.591 1479.4 085 00600 04.65 34.990 27.77 00.693 1478.6 085 00600 04.65 34.990 27.77 00.693 1478.6 085 00600 04.65 34.990 27.77 00.693 1479.4 085 00800 00400 04.26 34.990 27.77 00.695 1482.8 085 00900 04.26 34.990 27.77 00.695 1482.8 085 00900 04.26 34.990 27.77 00.695 1482.8 085 00900 04.26 34.990 27.77 00.695 1482.8 085 00900 04.26 34.990 27.77 00.695 1482.8 085 00900 04.26 34.990 27.77 00.695 1482.8 085 00900 04.26 34.990 27.77 00.695 1482.8															
Color		STD	00250	07.56	34.98	27.34	00.287								
DBS 00272 06-66 34-813 27-34 1481-9															
085 00297 06.45 34.85U 27.40 1488.6 085 00298 05.80 34.770 27.42 1478.9 STD 00300 05.75 34.76 27.42 1478.9 085 00300 05.71 34.760 27.42 1478.5 085 00300 05.71 34.760 27.42 1478.5 085 00301 05.46 34.750 27.44 1477.6 085 00314 04.94 34.730 27.49 1475.6 085 00317 05.03 34.740 27.49 1475.6 085 00319 05.26 34.780 27.49 1477.0 085 00329 05.55 34.860 27.52 1478.4 085 00320 05.15 34.860 27.52 1478.4 085 00340 05.30 34.830 27.55 1477.6 085 00350 05.19 34.840 27.55 1477.6 085 00403 05.03 34.830 27.56 00.389 1477.6 085 00403 05.03 34.830 27.56 1477.6 085 00403 05.03 34.830 27.56 1477.6 085 00403 05.03 34.830 27.56 1477.6 085 00403 05.03 34.830 27.56 1477.6 085 00403 05.03 34.830 27.56 1477.6 085 00403 05.03 34.830 27.56 1477.6 085 00403 05.03 34.830 27.56 1477.6 085 00403 05.03 34.830 27.56 1477.6 085 00403 05.17 34.930 27.65 1478.9 085 00403 05.17 34.930 27.65 1478.9 085 00500 04.85 34.950 27.67 1478.6 085 00500 04.85 34.950 27.67 1478.6 085 00500 04.85 34.950 27.67 1478.6 085 00500 04.85 34.950 27.67 1478.6 085 00500 04.85 34.950 27.77 1478.6 085 00500 04.85 34.950 27.77 1479.4 085 00600 04.17 34.900 27.11 1479.4 085 00600 04.17 34.900 27.11 1479.9 085 00750 04.30 34.950 27.77 1480.7 085 00800 04.17 34.900 27.77 1480.7 085 00800 04.17 34.900 27.77 1480.7 085 00800 04.26 34.950 27.77 1480.7 085 00800 04.26 34.970 27.76 1482.8 STD 00900 04.26 34.970 27.76 1482.8 STD 00000 03.89 34.930 27.76 1482.8 STD 01000 03.89 34.930 27.76 1482.9		OBS	00272	06.66	34.813	27.34									
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085 00300 05.71 34.760 27.42 1478.5 085 00304 05.46 34.750 27.44 1477.6 085 00314 04.94 34.730 27.49 1475.6 085 00317 05.03 34.740 27.49 1476.0 085 00317 05.03 34.740 27.49 1476.0 085 00319 05.26 34.780 27.49 1476.0 085 00325 05.55 34.860 27.52 1478.4 085 00320 05.10 34.830 27.53 1477.6 085 00350 05.19 34.840 27.55 1477.6 085 00400 05.50 34.83 27.56 00.389 1477.6 085 00400 05.05 34.83 27.56 00.389 1477.6 085 00400 05.05 34.83 27.56 00.389 1477.6 085 00426 04.92 34.845 27.58 1477.5 085 00439 05.17 34.930 27.62 1478.9 085 00449 05.17 34.930 27.62 1478.9 085 00454 05.10 34.960 27.65 1478.9 STD 00500 04.85 34.95 27.67 00.443 1478.6 085 00500 04.85 34.95 27.67 00.490 1479.4 085 00500 04.65 34.940 27.65 1478.6 STD 00600 04.65 34.940 27.67 1478.6 STD 00600 04.65 34.950 27.67 1478.6 OBS 00601 04.65 34.960 27.71 00.490 1479.4 OBS 00601 04.65 34.960 27.71 00.490 1479.4 OBS 00604 04.56 34.960 27.71 1478.6 STD 00700 04.38 34.95 27.77 00.490 1479.9 OBS 00750 04.38 34.95 27.77 00.591 1479.9 OBS 00750 04.30 34.95 27.73 00.591 1479.9 OBS 00800 04.17 34.900 27.71 1478.4 OBS 00800 04.17 34.900 27.71 1478.4 OBS 00800 04.17 34.900 27.71 1478.4 OBS 00800 04.17 34.940 27.74 1480.7 OBS 00800 04.26 34.970 27.74 1480.7 OBS 00800 04.26 34.970 27.75 1480.7 OBS 00900 04.26 34.970 27.76 1480.7 OBS 00990 03.88 34.930 27.76 1482.8 STD 01000 03.88 34.930 27.76 1482.8		OBS	00298	05.80	34.770		00 224								
DBS 00304 05.46 34.750 27.49 1475.6 DBS 00314 04.94 34.730 27.49 1475.6 DBS 00317 05.03 34.740 27.49 1476.0 DBS 00319 05.26 34.780 27.49 1477.0 DBS 00325 05.55 34.860 27.52 1478.4 DBS 00350 05.19 34.830 27.53 1477.6 DBS 00350 05.19 34.830 27.55 1477.3 STD 00400 05.05 34.83 27.56 00.389 1477.6 DBS 00403 05.03 34.830 27.56 1477.6 DBS 00403 05.03 34.830 27.56 1477.5 DBS 004040 05.05 34.83 27.56 00.389 1477.6 DBS 004040 05.05 34.83 27.56 1477.5 DBS 004040 05.05 34.83 27.56 1477.5 DBS 00409 05.17 34.930 27.50 1478.9 DBS 00454 05.10 34.960 27.65 1478.9 STD 00500 04.85 34.950 27.67 00.443 1478.6 DBS 00500 04.85 34.950 27.67 1478.6 DBS 00500 04.65 34.940 27.69 1478.6 DBS 00500 04.65 34.940 27.69 1479.4 DBS 00601 04.64 34.960 27.71 1479.4 DBS 00604 04.56 34.990 27.71 1479.4 DBS 00604 04.56 34.990 27.71 1479.4 DBS 00605 04.38 34.950 27.73 00.536 1479.9 DBS 00700 04.38 34.950 27.73 1479.9 DBS 00750 04.38 34.950 27.73 1480.4 STD 00800 04.17 34.940 27.74 1479.9 DBS 00801 04.17 34.940 27.74 1479.9 DBS 00801 04.17 34.940 27.74 1479.9 DBS 00801 04.17 34.940 27.76 1482.8 DBS 00900 04.26 34.970 27.76 1482.8 DBS 00900 04.26 34.930 27.76 1482.8 DBS 00000 04.20 34.930 27.76 1482.8 DBS 00000 04.20 34.930 27.76 1482.8							00.324								
085 00317 05.03 34.740 27.49 1477.0 085 00319 05.26 34.780 27.49 1477.0 085 00325 05.55 34.880 27.52 1478.4 085 00320 05.30 34.830 27.55 1477.3 085 00350 05.19 34.840 27.55 1477.3 085 00400 05.05 34.883 27.56 00.389 1477.6 085 00403 05.03 34.883 27.56 00.389 1477.6 085 00403 05.03 34.883 27.56 00.389 1477.6 085 00403 05.03 34.883 27.56 1477.5 085 00403 04.03 34.885 27.58 1477.5 085 00426 04.92 34.885 27.58 1477.5 085 00439 05.17 34.930 27.65 1478.9 085 00454 05.10 34.950 27.65 1478.9 085 00500 04.85 34.950 27.67 00.443 1478.6 085 00500 04.85 34.950 27.67 00.443 1478.6 085 00500 04.65 34.940 27.70 00.490 1479.4 085 00610 04.65 34.960 27.71 179.4 085 00614 04.56 34.960 27.71 179.4 085 00614 04.56 34.990 27.71 179.4 085 00614 04.56 34.990 27.71 179.4 085 00614 05.50 34.990 27.71 179.4 085 00614 05.63 34.990 27.71 179.4 085 00614 05.63 34.990 27.71 179.9 085 00700 04.38 34.950 27.73 1479.9 085 00750 04.38 34.950 27.73 1479.9 085 00750 04.30 34.940 27.74 00.581 1480.7 085 00800 04.17 34.990 27.74 00.581 1480.7 085 00800 04.17 34.990 27.74 00.581 1480.7 085 00800 04.17 34.990 27.74 00.581 1480.7 085 00800 04.17 34.990 27.76 1482.8 085 00900 04.26 34.970 27.76 1482.8 085 00900 04.26 34.970 27.76 1482.8 085 00900 04.26 34.970 27.76 1482.8 085 00990 38.8 34.930 27.76 1482.8 085 00990 38.8 34.930 27.76 00.669 1482.8 085 00990 38.8 34.930 27.76 00.669 1482.8 085 00900 03.89 34.930 27.76 00.669 1482.8		OBS	00304	05.46	34.750										
OBS 00319 05.26 34.780 27.49 1477.0 OBS 00325 05.55 34.860 27.452 1478.4 OBS 00340 05.30 34.830 27.53 1477.6 OBS 00350 05.19 34.840 27.55 1477.3 STD 00400 05.05 34.83 27.56 1477.6 OBS 00403 05.03 34.830 27.56 1477.6 OBS 00403 05.03 34.830 27.56 1477.6 OBS 00404 05.00 34.845 27.55 1477.5 OBS 00404 05.00 34.845 27.55 1477.5 OBS 00439 05.17 34.930 27.62 1478.9 OBS 00454 05.10 34.950 27.67 00.443 1478.6 OBS 00500 04.85 34.95 27.67 00.443 1478.6 OBS 00500 04.85 34.950 27.67 1478.6 STD 00600 04.65 34.940 27.49 1479.4 OBS 00601 04.64 34.960 27.70 00.490 1479.4 OBS 00614 04.56 34.930 27.69 1479.2 OBS 00604 04.57 34.990 27.71 11 1478.4 STD 00700 04.38 34.95 27.73 00.536 1479.9 OBS 00700 04.38 34.95 27.73 1479.9 OBS 00750 04.30 34.945 27.73 1479.9 OBS 00750 04.30 34.945 27.73 1479.9 OBS 00750 04.30 34.945 27.74 00.531 1480.4 STD 00800 04.17 34.990 27.71 1479.9 OBS 00801 04.17 34.990 27.77 1480.7 OBS 00801 04.17 34.990 27.77 1482.0 OBS 00900 04.26 34.970 27.76 1482.8 OBS 00990 03.88 34.930 27.76 00.625 1482.8				05.03				1476.0							
OBS		OBS	00319												
STD 00400 05.05 34.83 27.56 00.389 1477.6 DBS 00403 05.03 34.830 27.56 1477.5 DBS 00404 04.92 34.845 27.58 1477.5 DBS 00404 05.10 34.930 27.62 1478.9 DBS 00454 05.10 34.95 27.67 00.443 1478.6 DBS 00500 04.85 34.95 27.67 00.443 1478.6 DBS 00500 04.85 34.95 27.67 00.443 1478.6 DBS 00500 04.65 34.940 27.69 1478.6 STD 00000 04.65 34.96 27.70 00.490 1479.4 DBS 00500 04.65 34.96 27.71 1478.6 STD 00000 04.65 34.950 27.67 11478.6 DBS 00606 04.17 34.900 27.71 1478.4 STD 00700 04.38 34.95 27.73 00.536 1479.9 DBS 00750 04.30 34.945 27.73 1480.7 DBS 00750 04.30 34.945 27.73 1480.7 DBS 00750 04.30 34.95 27.73 1480.7 DBS 00800 04.17 34.904 27.74 00.581 1480.7 DBS 00800 04.17 34.904 27.75 1480.7 DBS 00800 04.26 34.970 27.76 1480.7 DBS 00800 04.26 34.970 27.76 1480.7 DBS 00900 04.26 34.970 27.76 1482.8 DBS 00990 04.26 34.970 27.76 1482.8 DBS 00990 03.88 34.930 27.76 00.669 1482.8 DBS 00990 03.88 34.930 27.76 00.669 1482.8 DBS 00990 03.88 34.930 27.76 00.669 1482.8 DBS 00990 03.89 34.930 27.76 00.669 1482.8 DBS 00990 03.89 34.930 27.76 00.669 1482.9					34.830	27.53		1477.6							
DBS							00.389								
085 00439 05.17 34.930 27.62 1478.9 085 00454 05.10 34.960 27.65 1478.9 STD 00500 04.85 34.955 27.67 00.443 1478.6 085 00500 04.85 34.950 27.67 1478.6 STD 00600 04.65 34.960 27.70 00.490 1479.4 085 00601 04.64 34.960 27.71 1479.4 085 00614 04.56 34.990 27.69 1479.2 085 00666 04.17 34.900 27.71 1479.4 STD 00700 04.38 34.95 27.73 00.536 1479.9 085 00700 04.38 34.95 27.73 1479.9 085 00750 04.30 34.945 27.73 1480.4 STD 00800 04.17 34.940 27.74 00.581 1480.7 OBS 00850 04.26 34.970 27.75 1480.7 OBS 00850 04.26 34.970 27.76 1482.8 OBS 00999 03.88 34.930 27.76 1482.8 STD 0000 03.89 34.93 27.76 1482.8 STD 01000 03.89 34.93 27.76 1482.8				05.03	34.830	27.56	001307	1477.6							
OBS					34.845										
08S 00500 04.85 34.950 27.67 1478.6 08S 00550 04.65 34.940 27.70 00.490 1479.4 08S 00601 04.65 34.966 27.71 1479.4 08S 00601 04.65 34.996 27.71 1479.4 08S 00614 04.56 34.990 27.71 1479.4 08S 00666 04.17 34.900 27.71 1479.4 STD 00700 04.38 34.95 27.73 1479.9 08S 00700 04.38 34.95 27.73 1479.9 08S 00750 04.30 34.945 27.73 1480.4 STD 0080 04.17 34.94 27.74 00.581 1480.7 08S 00801 04.17 34.94 27.74 00.581 1480.7 08S 00805 04.28 34.960 27.75 1482.6 STD 00900 04.26 34.970 27.76 1482.8 08S 00999 03.88 34.930 27.76 1482.8 STD 01000 03.89 34.930 27.76 1482.8 OBS 00999 03.88 34.930 27.76 1482.8 OBS 01001 03.99 34.93 27.76 1482.8			00454	05.10	34.960	27.65		1478.9							
DBS 00550 04.65 34.940 27.69 1478.6 STD 00600 04.65 34.96 27.71 1479.4 DBS 00601 04.65 34.96 27.71 1479.4 DBS 00601 04.56 34.930 27.69 1479.2 DBS 00666 04.17 34.900 27.71 1478.4 STD 00700 04.38 34.95 27.73 00.536 1479.9 DBS 00750 04.30 34.945 27.73 1480.4 STD 00800 04.17 34.94 27.74 00.581 1480.7 DBS 00801 04.17 34.94 27.74 1480.7 DBS 00850 04.28 34.960 27.75 1482.0 STD 00900 04.26 34.97 27.76 1482.8 DBS 00951 04.11 34.970 27.76 1482.8 DBS 00999 03.88 34.930 27.76 00.669 1482.8 DBS 00999 03.88 34.930 27.76 00.669 1482.8 DBS 00900 03.89 34.93 27.76 00.669 1482.8 DBS 00900 03.89 34.93 27.76 00.669 1482.8 DBS 00900 03.89 34.93 27.76 1482.8							00.443								
DBS 00601 04.56 34.930 27.69 1479.2 DBS 00666 04.17 34.900 27.71 1478.4 STD 00700 04.38 34.95 27.73 00.536 1479.9 DBS 00750 04.38 34.95 27.73 1480.4 STD 00800 04.17 34.94 27.74 1480.7 DBS 00801 04.17 34.94 27.74 1480.7 DBS 00801 04.17 34.96 27.75 1482.0 STD 00900 04.28 34.950 27.75 1482.0 STD 00900 04.26 34.97 27.76 00.625 1482.8 DBS 00999 03.88 34.930 27.76 1482.8 STD 01000 03.89 34.93 27.76 00.669 1482.8 DBS 01001 03.89 34.93 27.76 00.669 1482.8 DBS 01001 03.89 34.93 27.76 00.669 1482.8		085	00550	04.65	34.940	27.69		1478.6							
0BS 00614 04.56 34.930 27.69 1479.2 DBS 00666 04.17 34.900 27.71 1478.4 STD 00700 04.38 34.95 27.73 00.536 1479.9 DBS 00750 04.30 34.945 27.73 1479.9 DBS 00750 04.31 34.945 27.73 1480.7 STD 00800 04.17 34.945 27.74 00.581 1480.7 DBS 00801 04.17 34.940 27.74 1480.7 DBS 00801 04.17 34.940 27.75 1482.0 STD 00900 04.26 34.970 27.76 00.625 1482.8 DBS 00900 04.26 34.970 27.76 1482.8 DBS 00999 03.88 34.930 27.76 1482.8 STD 01000 03.89 34.93 27.76 00.669 1482.8 DBS 01001 03.99 34.93 27.76 1482.9							00.490								
STD 00700 04.38 34.95 27.73 00.536 1479.9 OBS 00700 04.38 34.950 27.73 1479.9 DBS 00750 04.30 34.945 27.73 1480.4 STD 00800 04.17 34.94 27.74 00.581 1480.7 OBS 00801 04.17 34.940 27.74 1480.7 OBS 00850 04.28 34.960 27.75 1482.8 STD 00900 04.26 34.97 27.76 00.625 1482.8 OBS 00900 04.26 34.970 27.76 1482.8 OBS 00900 04.26 34.970 27.76 1482.8 OBS 00999 03.88 34.930 27.76 1482.8 STD 01000 03.89 34.93 27.76 1482.8 OBS 01001 03.99 34.93 27.76 1482.8 OBS 01001 03.99 34.93 27.76 1482.9				04.56	34.930	27.69		1479.2							
DBS 00700 04.38 34.950 27.73 1479.9 DBS 00750 04.30 34.945 27.73 1480.4 STD 00800 04.17 34.94 27.74 00.581 1480.7 DBS 00801 04.17 34.94 27.74 1480.7 DBS 00850 04.28 34.96 27.75 1482.0 STD 00900 04.26 34.97 27.76 00.625 1482.8 DBS 00900 04.26 34.970 27.76 1482.8 DBS 00990 03.88 34.930 27.76 1482.8 STD 01000 03.89 34.93 27.76 1482.8 DBS 00991 03.89 34.93 27.76 1482.8 DBS 01001 03.99 34.93 27.76 1482.8 DBS 01001 03.99 34.93 27.76 1482.8							00.536								
STD 00800 04.17 34.94 27.74 00.581 1480.7 OBS 00801 04.17 34.940 27.74 1480.7 OBS 00850 04.28 34.960 27.75 1482.0 STD 00900 04.26 34.97 27.76 00.625 1482.8 OBS 00900 04.26 34.97 27.76 1482.8 OBS 00900 04.26 34.970 27.76 1482.8 OBS 00991 04.81 34.950 27.76 1483.0 OBS 00999 03.88 34.930 27.76 1482.8 STD 01000 03.89 34.93 27.76 00.669 1482.8 OBS 01001 03.90 34.93 27.76 1482.9		OBS	00700	04.38	34.950	27.73									
08S 00801 04.17 34.940 27.74 1480.7 08S 00850 04.28 34.960 27.75 1482.0 STD 00900 04.26 34.97 27.76 00.625 1482.8 08S 00900 04.26 34.970 27.76 1482.8 08S 00991 04.11 34.950 27.76 1482.8 08S 00999 03.88 34.930 27.76 1482.8 STD 01000 03.89 34.93 27.76 1482.8 08S 01001 03.99 34.93 27.76 00.669 1482.8 08S 01001 03.90 34.93 27.76 1482.8							00.581								
STD 00900 04.26 34.97 27.76 00.625 1482.8 OBS 00900 04.26 34.970 27.76 1482.8 OBS 00951 04.11 34.950 27.76 1483.0 OBS 00999 03.88 34.930 27.76 1482.8 STD 01000 03.89 34.93 27.76 1482.8 OBS 01001 03.90 34.93 27.76 00.669 1482.8		085	00801	04.17	34.940	27.74		1480.7							
DBS 00900 04.26 34.970 27.76 1482.8 DBS 00951 04.11 34.950 27.76 1483.0 DBS 00999 03.88 34.930 27.76 1482.8 STD 01000 03.89 34.93 27.76 00.669 1482.8 DBS 01001 03.90 34.93 27.76 1482.9							00.625	1482.8							
085 00999 03.88 34.930 27.76 1482.8 STD 01000 03.89 34.93 27.76 00.669 1482.8 085 01001 03.90 34.930 27.76 1482.9		OBS	00900	04.26	34.970	27.76									
STD 01000 03.89 34.93 27.76 00.669 1482.8 OBS 01001 03.90 34.930 27.76 1482.9								1482.8							
		STD	01000	03.89	34.93	27.76	00.669	1482.8							
ON ATACL ANDLE MILLIA MILLIA MILLIA		08 S 08 S	01001		34.940	27.77		1483.4							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

FID .31 837 INSEC 001 .T 44 22.0 ING 047 14.9	B MONT	1974 H 06 13 23-1	BOTDP 03831 SHIP EV DATA USE 1 AREA 05	HET BANC	TEMP 10.8 BULB 10.2 METR 1029.5 D T/A	30		WIND-DII WIND-SPI WIND-FOI WEATHER	D 05	TRACE		00.4	5 2	N SQ 1306 SQUARE 2 SQUARE 46 SQUARE 47
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	O XY G	PD 4	TOT P	NO2	NO3	\$103	PH
23.1	STD	00000	10.71	34.42	26.40 20.40	00.000	1492.2							
	OBS	00007	10.44	34.352	26.39		1491.3							
	STD	00010	10.24	34.36 34.370	26.43 26.45	00.016	1490.6							
	STD	00020	1C.31	34.39	26.44	00.032								
	08S 08S	00020	10.33 10.18	34.400	26.45 26.49		1451.2							
	OBS	00024	10.25	34.487	26.53		1491.0							
	OBS STD	00028	10.78 10.92	34.73J 34.74	26.62 26.61	00.047	1493.3							
	085	00030	10.50	34.750	26.61	00.047	1494.0							
	OBS	00036	11-05	34.797	26.63		1494.5							
	OBS	00041	11.95 11.97	35.047 35.07	26.67	00.076	1498.0 1498.3							
	OBS	00051	11.99	35.085	26.68		1498.4							
	OBS STD	00066	12.48	35.350 35.32	26.75 26.76	00.110	1501.2							
	OBS	00076	12.46	35.320	26.77		1500.7							
	STD OBS	00100	11.92 11.91	35.32	26.87 26.87	00.141	1499.2							
	085	00116	11.85	35.317 35.377	26.93		1499.3							
	STD	00125	11.62	35.32	26.93	00.171								
	08 \$ 08 \$	00125	11.60 11.24	35.32u 35.290	26.93 26.98		1498.5							
	085	00140	10.75	35.168	26.99		1495.6							
	OBS STD	00148	10.49	35.180 35.15	27.03 27.02	00.199	1494.8							
	OBS	00154	05.57	35.046	27.01	00.177	1492.9							
	OBS	20159	09.12	34.880	27.02		1489.6							
	08S	00175	07.82	34.760	27.13 27.18		1484.8							
	STD	00200	07.89	34.84	27.18	00.249	1485.6							
	08 S 08 S	00201	07.99 08.07	34.860	27.19		1486.0							
	OBS	00224	07.79	34.835	27.20		1485.6							
	08 S 08 S	00228	07.18	34.745 34.780	27.21		1483.2							
	OBS	00243	07.82	34.950	27.28		1486.2							
	085	00247	07.97	34.990	27.29		1486.9							
	STD	00250 00251	08.22	35.05 35.07C	27.30 27.30	00.293	1487.9							
	085	00260	07.68	34.950	27.30		1485.9							
	OBS CBS	00266 00276	07.54	34.940	27.32		1485.5 1487.2							
	CBS	00295	07.25	34.930	27.35		1484.8							
	STD	00300	06.14	34.73	27.35	00.334	1480.2							
	08S 08S	00300	06.07	34.73u 34.750	27.35 27.37		1479.9							
	DBS	00308	05.33	34.630	27.36		1476.9							
	OBS OBS	00350 00354	05.07	34.770	27.51 27.51		1476.8							
	085	00361	04.39	34.688	27.52		1474.0							
	085	00376	04.72	34.767	27.54		1475.8							
	OBS OBS	00388 00397	04.99	34.81Q 34.770	27.55 27.55		1477 - 1 1476 - 1							
	STD	00400	04.73	34.78	27.55	00.402	1476.2							
	OBS OBS	00401	04.73	34.780 34.77U	27.55		1476.2							
	OBS	00447	04.24	34.780	27.61		1474.9							
	OBS OBS	00451 00464	04.17	34.770	27.61		1474.7							
	OBS	00474	03.83	34.740	27.62		1473.6							
	OBS	00489	03.58	34.750	27.65	00 (57	1472.8							
	STD	00500 00502	03.68	34.76 34.780	27.65	00.457	1473.4							
	085	00508	04.35	34.850	27.65		1476.5							
	OBS	00550 00578	04.65	34.930 34.940	27.68		1478.5 1479.0							
	OBS	00595	04.97	34.973	27.68		1480.7							
	STD	00400 00605	04.94	34.97	27.68	00.506	1480.6							
	085	90651	04.78	34.980	27.68		1480.8							
	STD	00700	04.65	34.97	27.71	00.554	1481.1							
	OBS OBS	00700	04.65 04.70	34.970 34.960	27.71 27.70		1481.1 1482.2							
	STD	00800	04.62	34.99	27.73	00.601	1482.7							
	OBS	00801	04.62	34.990	27.73		1482.7							
	OBS STD	00850	04.52 04.42	34.985 34.98	27.74	00.647	1483.1 1483.5							
	OBS	00900	04.42	34-980	27.75		1483.5							
	OBS	00951	04.34 04.22	34.970 34.96	27.75	00-692	1484.0 1484.3							
	OBS	01003	04.22	34.960	27.75	001072	1484.3							
	085	01022	04.22	34.971	27.76		1484.7							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8371 CONSEC 0019 LAT 44 14.5N LONG 046 40.3W	MONT	1974 H 06 14 02.2	BOTDP 03891 SHIP EV DATA USE 1 AREA 05	AIR 1 WET 6 BARD! CLLUS	OULB 09.0 METR 1029.4		GT PER 0 X	WIND-DIR WIND-SPD WIND-FOR WEATHER	00	TRAC	STD RE E DIR TION 011 62	00.5	5 2	N SQ 1306 SQUARE 2 SQUARE 46 SQUARE 46
CASTNUMZTIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	РН
02.2	STD OBS	00000	08.16 08.16	33.12	25.80 25.80	00.000	1481.1							
02.02	STD	00010	08.13	33.12	25.80	00.022	1481.2 1481.1							
	OBS STD	00011	08.12 08.04	33.120	25.80 25.81	00.044	1481.1							
	085	00020	07.97	33.120	25.82	00.044	1480.7							
	08 S 08 S	00024	07.55 06.30	33.047 33.18L	25.83 26.10		1479.0							
	STD	00030	06.17	33.20	26.13	00.065	1473.9							
	OBS OBS	00030	06.12 05.90	33.20s	26.14 26.37		1473.7							
	OBS	00034	06.02	33.460	26.36		1473.7							
	OB\$	00036	06.05 06.29	33.47¢ 33.70¢	26.36 26.51		1473.8							
	085	00041	06.38	33.715	26.51		1475.6							
	085 085	00043	05.42 04.09	33.580 33.413	26.52 26.54		1471.6							
	OBS	00049	03.36	33.436	26.62		1462.8							
	STD	00050	03.19 03.08	33.44	26.65 26.69	00.098	1462.1							
	085	00053	03.76	33.776	26.85		1465 -1							
	085 085	00057	03.98 04.48	33.863	26.91 26.97		1466.2							
	OBS	00070	03.29	33.985	27.07		1463.6							
	OBS STD	00072	03.69	34.040	27.08 27.09	00.127	1465.4							
	OBS	00078	05.11	34.260	27.10		1471.6							
	OBS OBS	00079	05.16 05.64	34.280	27.11 27.11		1472.0							
	STD	00100	05.90	34.42	27.13	00.152	1475.5							
	OBS OBS	00102	05.57 06.60	34.436	27.13 27.13		1475.9							
	OBS STD	00123	06.96	34-597	27.13		1480.4							
	OBS	00123	07.03 07.13	34.62U	27.13 27.12	00.176	1480.7							
	085 STD	00133	07.11 06.56	34.626 34.53	27.13	00.200	1481.2							
	085	00150	06.56	34.530	27.13 27.13	00.200	1479.2							
	OBS OBS	00156 00159	06.55 06.91	34.625	27.14 27.16		1479.2 1480.8							
	OBS	00161	06.95	34.635	27.16		1481.0							
	OBS OBS	00167	04.76	34.277	27.15 27.17		1471.8							
	DBS	00175	03.69	34.250	27.24		1467.4							
	STD OBS	00200 00201	03.67 03.67	34.28 34.280	27.27 27.27	00.245	1467.8							
	OBS	00203	03.67	34.270	27.26		1467.8							
	OBS OBS	00207	03.16 03.24	34.213	27.26 27.28		1465.6							
	08 S 08 S	00218	03.15	34.245	27.29		1465.8							
	085	00234	04.35	34.430	27.31 27.32		1469.0							
	OBS STD	00243	04.55	34.510	27.36	00 005	1472.5							
	OBS	00255	04.77	34.533	27.34 27.35	00.285	1473.5							
	OBS OBS	00260	04.78 04.37	34.500	27.39 27.37		1473.8							
	085	00276	04.17	34.507	27.40		1471.4							
	OBS STD	00293	04.43 04.74	34.62	27.44	00.322	1472.9							
	OBS OBS	00314	04.99	34.667	27.43		1475.7							
	OBS	00329	04.69 05.38	34.740 34.837	27.53 27.52		1474.8 1477.8							
	08S 08S	00336	05.49	34.847 34.860	27.52		1478.4							
	STD	00400	05.68	34.85	27.50 27.50	00.389	1479.7							
	OBS	00403	05.66 04.94	34.850 34.84J	27.50 27.58		1480.1							
	OBS	00472	04.75	34.850	27.61		1477.6							
	STD OBS	00500	05.52 05.64	34.96 34.990	27.60 27.61	00.450	1481.3							
	OBS	00550	05.12	34.960	27.65		1480.5							
	08\$	00601	05.02 05.01	34.99 34.990	27.69 27.65	00.502	1481.0							
	OBS	00651	04.57	34.967	27.72		1479.9							
	OBS	00700	04.43	34.97 34.965	27.73 27.73	00.549	1460.2							
	OBS STD	00750		34.970	27.74	00	1480.8							
	085	00801	04.30	34.97 34.97	27.75 27.75	00.594	1481.3							
	OBS STD	00850	04.12	34.960 34.98	27.76	00 130	1481-4							
	085	00900	04.33	34.980	27.76 27.7c	00.638	1483.1							
	OBS STD	00951		34.980 34.98	27.75	00 402	1484.0							
	OBS	01001	04.33	34.984	27.76	00.683	1484.8							
	OBS	01020	04.31	34.984	27.76		1485.0							

TABLE I. CGC EVERGREEN, April-June 1974—(Continued)

			1 A	BLE 1. C	GC EV.	ENGREEI	v, Aprii	-June	1914—(C	onu	mueu)				
REFID 31 83 CONSEC 002 LAT 44 08.4 LONG 046 08.4	20 3N	YEAR MONTH DAY HOUR	06 14	BOTOP 0386 SHIP EV DATA USE AREA 0	WET 1 BARC	TEMP 12.0 BULB 10.1 DMETR 1028.9 JD T/A		GT PER Q X	WIND-DIR WIND-SPD WIND-FOR WEATHER	04	TRAC	STO REG E DIR TION 011 621	00.7	5	N- SQ 1306 SQUARE 2 SQUARE 46 SQUARE 46
CASTNUM/TIME	LV	LTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	\$103	PH
05.6		STD BS	00000	10.22 10.22	33.01 33.010	25.38 25.38	00.000	1488.6 1488.6							
03.0	0	BS	00003	10.21	33.020	25.39		1488.7							
		BS BS	00005	09.66 09.50	32.900 32.960	25.39 25.46		1486.5 1486.1							
		STD BS	00010	09.61	33.07 33.120	25.54 25.57	00.025	1486.6 1486.7							
	01	BS	00019	05.12	33.090	25.63		1485.0							
		STD BS	00020	08.92 08.47	33.12 33.18	25.68 25.80	00.049	1484.3 1482.7							
	01	88	00028	08.01	33.120	25.82	00 071	1481.0							
		STD BS	00030	07.24	33.06 33.050	25.88 25.90	00.071	1477.9 1477.0							
		BS BS	00036 00040	06.07 06.16	33.270 33.35u	26.20 26.25		1473.7 1474.2							
	01	BS	00043	05.61	33.290	26.27		1472.0							
		BS Std	00047	05.19 05.48	33.370 33.54	26.38 26.49	00-108	1470.4							
	01	BS	00051	05.59	33.600	26.52		1472.4							
		BS BS	00055	05.68 06.18	33.610 33.820	26.52 26.62		1472.8							
		B \$ B \$	00072	03.22 03.68	33.470 33.580	26.67 26.71		1462.7 1464.8							
		STD	00075	03.68	33.57	26.70	00.145	1464-8							
		B\$ B\$	00076 00078	03.69 03.75	33.570 33.600	26.70 26.72		1464.9 1465.2							
	01	BS	00081	04.31	33.720	26.76		1467.8							
		B \$ B \$	00085	04.75 04.50	33.800 33.770	26.77 26.78		1469.8 1468.7							
	01	BS	00091	04.54	33.836	26.83		1469.1							
		BS BS	00093	05.08 05.92	33.960 34.080	26.86 26.86		1471.5 1475.1							
	D	BS	00099	05.07	33.947	26.86		1471.5							
		STD BS	00100	05.02 05.02	33.94 33.943	26.86 26.86	00.177	1471.4							
	01	BS	00102	05.12	33.995	26.89		1471.9							
		8 S 8\$	00106	05.73 05.71	34.090 34.086	26.89 26.89		1474.5							
		STD BS	00125	05.90 05.93	34.23 34.24u	26.98 26.98	00.206	1475.7							
	08	3 S	00129	06.13	34.290	27.00		1476.8							
	06	8 S 8 S	00133	06.86 06.84	34.446 34.435	27.02 27.02		1479.9 1480.0							
	C8	38	00144	07.83	34.634	27.03		1484.2							
		BS STD	00146	07.94 08.33	34.655 34.74	27.03 27.04	00.233	1484.6							
	- 08	85	00152	08.53	34.785	27.04		1487.2							
		3 S 3 S	00161	08.76 08.04	34.845 34.720	27.05 27.07		1488.3 1485.4							
		35	00171	07.98	34.743	27.10		1485.3 1478.6							
	08		00180 00184	06.32 06.35	34.440 34.500	27.09 27.13		1478.8							
	06	3 S 3 S	00190 00194	06.C5 06.30	34.467 34.505	27.15 27.14		1477.7							
	06	3 S	00198	06.33	34.506	27.14		1479.0							
	08	STD BS	00200	06.50 06.64	34.54 34.580	27.15 27.16	00.283	1479.8							
	06	3.5	00226	06.79	34.640	27.19	00 330	1481.5							
		STD BS	00250 00253	06.69	34.64 34.635	27.19 27.19	00.330	1481.6 1481.5							
	06		00270	06.50 06.79	34.650	27.23 27.26		1481.1 1482.5							
	06	3.5	00287	06.77	34.770	27.29		1482.6							
		STD SS	00300	06.29 06.05	34.68 34.650	27.29 27.29	00.374	1480.8							
	OE	3.5	00329	05.73	34.645	27.33		1478.9							
	08 08	3\$	00352 00357	05.01 05.37	34.560 34.630	27.35 27.36		1476.3 1477.9							
		SS STD	00373	04.96 04.99	34.600 34.64	27.38 27.41	00.452	1476.5							
		3\$	00401	05.01	34.654	27.42	00.452	1477-2							
		3S 3S	00405 00415	05.06 05.84	34.690 34.835	27.44 27.46		1477.5 1481.0							
	OB	35	00416	05.96	34.850	27.46		1481.6							
	08		00424	06.57 06.64	34.975 34.990	27.48 27.48		1484.3 1485.0							
	O8	S	00493	06.08	34.963	27.53		1483.5							
	08	STD 35	00500	05.44	34.88 34.850	27.55 27.55	00.519	1480.9							
	OB	3.5	00517	05.21	34.85>	27.56		1480.2							
	08		00534	05.69 05.76	34.975 34.980	27.59 27.59		1482.6							
	06	STD	00550	05.90 P 05.74	34.970 34.98	27.56Q*	00.579								
	O.E	S	00603	05.71	34.980	27.59 27.59	A0.21A	1483.8							
		SS STD	00651	04.98 04.57	34.970 34.93	27.68	00.633	1481.6							
	08	35	00700	04.57	34.930	27.69	000033	1480.7							
		SS STD	00750	04.78 04.85	34.990 34.98	27.71 27.70	00.683	1482.5							
	OE	35	20801	04.85	34.980	27.70		1483.6							
		SS STD	00850	04.84 04.55	34.970 34.97	27.69 27.72	00.731	1484.4							
	0.6	35	00900	04.55	34.970	27.72		1484.0							
	5	TD	01000	04.57 04.37	34.990 34. 96	27.74 27.74	00.779	1485.0 1484.9							
	08	3 S 3 S	01001	04.37	34.960	27.74		1484.9							
	UE		31027	0.40.30	370710	21017		7403.03							135

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

			1000 1. 0	00 211	2100104343	11, 11p11	bunc	1011 (0	Onci	nucu)					
REFID 31 8371	YEAR		BOTDP 03700				GT PER	NIND-DIR	31		STD REC			N SQ 1.	
CONSEC 0021 LAT 44 32.3N	MONTH DAY	14	SHIP EV DATA USE 1	MET 8	OLB 09.5 ETR 1029.8	SEA	0 X	WIND-SPD WIND-FOR	04	TRACE	E DIR Ticn	00.4	5 .	SQUARE SQUARE	2
LONG 046 04.2H	HOUR		AREA 05			CL/TR		WEATHER	X1		011 622			SQUARE	
CASTNUM/TIME	LVITVO	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SAD VEI	OXY G	P0.4	TOT P	NO2	NO3	\$103	PH	
CASINON/TIME								UAFG	ru ų	101 7	102	NUS	2103	rn	
09.2	STD 085	00000	07.16 07.16	33.31 33.307	25.85 25.85	00.000	1477-1								
	08\$ 08\$	00003	J6.97 C€.51	33.307	25.88 25.87		1470.4								
	OBS	00309	06-36	32.963	25.92		1474.0								
	STD	00010	06.25 05.99	32.95	25.92 25.94	00.021	1473.5								
	08S 08S	00013	05.76 05.70	32.91J 33.041	25.95 26.07		1471.6 1471.6								
	STD	00020	05.56	33.04	26.08	00.041	1471.0								
	08S 08S	00020 00024	05.44	33.035	26.09 26.15		1470.5								
	OBS OBS	00026	04.44	33.09e 33.123	26.25 26.28		1466.3								
	STD	00030	04-13	33.12	26.30	00.060	1465.4								
	08S 08S	00030	04.02	33.120	26.31 26.38		1464.9								
	CBS OBS	00034	03.17	33.157	26.42 26.48		1461.4 1457.1								
	OBS	00038	02.18	33.125 33.09¢	26.50		1454.6								
	085 085	00040	01.31 01.26	33.133	26.52 26.68		1453.3								
	OBS	00045	02.63	33.425	26.68		1459.6								
	08S 08S	00047	02.43	33.450 33.600	26.72 26.84		1458.8 1459.1								
	STD	00050	02.61	33.62 33.75¢	26.84 26.87	00.089	1459.9 1463.7								
	GBS	00055	03.78	33.805	26.88		1465.2								
	OBS OBS	00057	04.34 04.52	33.947 34.015	26.94 26.97		1467.9								
	OBS OBS	00000	06.13 06.37	34.282	26.99 27.00		1475.7 1476.9								
	STD	00075	06.27	34.31	27-00	00.118	1476.5								
	OBS OBS	00089	06.16 05.68	34.297 34.250	27.00 27.02		1476.1 1474.3								
	OBS	00095	05.12	34.160	27.02	00 145	1472.0								
	STD OBS	00100	04.96 04.93	34.16 34.155	27.03 27.04	00.145	1471.4								
	OBS OBS	00102	04.87 04.59	34.150 34.135	27.04 27.06		1471.0								
	OBS	00108	04.48	34.140	27.07		1469.5								
	280 280	00110	04.66	34.150 34.137	27.06 27.05		1470.3 1470.2								
	OBS STD	00118	04.16	34.070 34.15	27.05 27.11	00-170	1468.2 1468.9								
	OBS	00125	04.27	34.157	27.11		1468.9								
	STD	00150 00150	04.19 04.19	34.17 34.176	27.13 27.13	00.194	1469.0								
	OBS OBS	00163	04.42	34.285 34.250	27.20 27.21		1470.3								
	OBS	00169	04.40	34.300	27.21		1470.4								
	08S 08S	00175	04.05 04.41	34.265 34.310	27.22 27.22		1469.0 1470.6								
	STO	00200	05.42 05.51	34.48 34.504	27.24 27.24	00.240	1475.3 1475.8								
	OBS	00218	05.37	34.490	27.25		1475.4								
	OBS STD	00226	05.51 05.49	34.510 34.64	27.25 27.35	00.281	1476.2								
	OB 5 OB 5	00251	05.49 05.58	34.645	27.36 27.39		1476.7								
	OBS	00272	06.00	34.760	27.38		1479.2								
	OBS OBS	00276	06.05 06.12	34.760 34.827	27.38 27.42		1479.5								
	STD	00289	05.59 05.58	34.740	27.42 27.42	00.317	1477.8								
	OBS	00300	05.58	34.745	27.43	000581	1478.0								
	OBS OBS	00306	05.59 07.14	34.765 35.027	27.44 27.44		1478.2 1484.9								
	OBS OBS	00329	07.36 06.88	35.07U 34.970	27.44 27.43		1486.0								
	OBS	00350	06.84	34.972	27.44		1484.1								
	08S 08S	00354	06.71 06.36	34.965 34.940	27.45 27.48		1483.7								
	OBS OBS	00363	06.30 05.40	34.950 34.78 P	27.50 27.479*		1482.2								
	085	00382	05.16	34.776	27.50		1477.7								
	STD OBS	00400	05.25 05.26	34.82	27.53 27.53	00.383	1478.4								
	OBS	00447	05.19	34.815	27.53		1478.9								
	OBS STD	00454	04.78 04.37	34.782 34.83	27.55 27.63	00.440									
	08S	00502	04.35 05.04	34.835 34.990	27.64 27.68		1476.4								
	STO	00600	04.90	34.99	27.70	00-490	1480.5								
	OBS	00601	04.90 04.71	34.99C 34.97G	27.70 27.71		1480.5 1480.5								
	STD	00700	04.87 04.87	34.99 34.990	27.70 27.70	00.538	1482.0 1482.0								
	OBS	00750	04.69	34.985	27.72	00 505	1482.1								
	STD OBS	00800	04.62	34.99 34.990	27.73 27.73	00.585	1482.7 1482.7								
	STD	00850	04.53	34.990 34.98	27.74 27.76	00.630	1483.1 1483.0								
	CBS	00900	04.30	34.986	27.76		1483.0								
	STD	00951 01000	04.08	34.97 34.97	27.78 27.78	00.674	1482.9								
196	OBS	01001	04- 05	34.970	27.78		1483.6								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSE LAT LONG	C 44	8371 0022 56.0N 02.0W	MONT	1974 H 06 14 12.6	BOTOP 03554 SHIP EV DATA USE 1 AREA D5	BAKC	TEMP BULB METR 1003.0 D T/A	34	GT PER 0 2	WIND-DIR WIND-SPD WIND-FÜR WEATHER	00	TRACE DURAT	STD REC E DIR ILGN 011 623	00 • 3	5	N SQ 1: SQUARE SQUARE SQUARE	46
CAS	TNUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SKD VEL	DXY G	P04	TOT P	NO2	NO3	\$103	PH	
			STO	00000	05.10	33.12	26.20	00.000	1462.9								
		12.6	OBS	00001	05.10	33.120	26.20		1469.0								
			08 \$ 08 \$	00005	05.14 04.76	33.117 33.110	26.19 26.23		1469.2 1467.7								
			STD	00010	04.73	33.11	26.23	00.018	1467.5								
			OBS	00011	04.64	33.120	26.25		1467.2								
			OBS	00017	04.40	33.173	26.32		1466-4								
			STD OBS	00020	04.94 05.16	33.37 33.447	26.42 26.45	00.035	1468.9 1469.9								
			OBS	00024	06.36	33.816	26.59		1475.4								
			STD	00030	03.62	33.29	26.49 ♥	00.051	1463.4								
			OB\$	00034	01.96	33.240	26.59		1456-2								
			08 S 08 S	00036	01.39 01.28	33.325 33.43ú	26.70		1453.9 1453.5								
			085	00040	01.47	33.456	26.79 26.79		1454.4								
			OBS	00047	01.10	33.465	26.83		1452.9								
			085	00049	01.32	33.570	26.90		1454.1								
			STD OBS	00050	01.24	33.56	26.89	00.078	1453.8								
			OBS	00055	01.16 01.88	33.545	26.89 26.89		1453.4 1456.7								
			OBS	00059	01.30	33.544	26.88		1454.1								
			085	00068	01.26	33.695	27.00		1454.3								
			OBS	00070	01.52	33-740	27.02		1455.6								
			OBS STD	00074	01.56 01.80	33.77¢ 33.80	27.04 27.05	00.106	1455.9 1457.0								
			OBS	00079	02.85	33.950	27.08	004100	1461.8								
			085	00083	03.13	33.995	27.09		1463.2								
			085	00089	03.62	34.090	27.12		1465.5								
			OBS STD	00091	03.59 03.79	34.090 34.16	27.13 27.16	00.130	1465.4								
			OBS	00100	03.81	34.160	27.16	004130	1466.6								
			OBS	00102	03.85	34.160	27.16		1466.8								
			OBS STD	00110	04-64	34.297	27.18		1470.4								
			085	00125	04.59 04.55	34.29 34.290	27.18 27.19	00.153	1470.4								
			085	00129	04.19	34.310	27.24		1468.9								
			OBS	00137	04.89	34.446	27.27		1472-1								
			STD	00150	04.71	34.44	27-28	00.175	1471.5								
			085	00163	04.70 04.10	34.435 34.40u	27.28 27.32		1469.2								
			085	00165	03.83	34.396	27.34		1468.0								
			08S 08S	00177	03.56	34.410	27.38		1467.1								
			OBS	00184	04.31 04.39	34.51¢ 34.500	27.39 27.37		1470.5								
			085	00194	05.35	34.646	27.37		1475.2								
			STD	00200	05-95	34.74	27.38	00.213	1477.8								
			OBS OBS	00209	06.53	34.850	27.39		1480.4								
			STD	00226 00250	06.34 06.06	34.860 34.83	27.42 27.43	00.249	1480.0								
			OBS	00251	06.05	34.830	27.43		1479.2								
			OBS	00281	06.19	34.966	27.52		1480.4								
			OBS STD	00287	06.03 05.43	34.940 34.82	27.52 27.51	00.282	1479.8								
			085	00306	05.17	34.780	27.50	00.202	1476.5								
			085	00354	04.40	34.776	27.58		1474.1								
			STD OBS	00400	04.38	34.85	27-65	00.338	1474.8								
			085	00403	04.38 04.42	34.850 34.856	27.65 27.64		1474.9 1475.8								
			OBS	00460	04.71	34.935	27.68		1477.3								
			STD	00500	04.73	34.96	27.70	00.386	1478.1								
			OBS OBS	00500 00550	04.73	34.960 34.935	27.70 27.71		1478.1 1477.7								
			STO	00600	04.39	34.95	27.73	00.432	1478.3								
			OBS	00601	04.39	34.950	27.73		1478.3								
			085	00651	04.21	34.930	27.73	00 . 75	1478.4								
			STD OBS	00700	04.16 04.16	34.95 34.950	27.75 27.75	00.475	1479.0								
			OBS	00750	04.06	34.930	27.75		1479.4								
			STD	00800	03.88	34.93	27.76	00.517	1479.5								
			OBS STD	00864	03.87	34.930	27.77	00 540	1480.5								
			OBS	00900	03.97 03.97	34.95 34.950	27.77 27.77	00.560	1481.5 1481.6								
			OBS	00951	03.91	34.935	27.77		1482.1								
			STD	01000	03.92	34-94	27.77	00.602	1483.0								
			OBS OBS	01001	03.92 03.86	34.940	27.77 27.77		1483.0								
			003	01024	05.00	370770	21.11		1483.2								

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFIC CONSE LAT LONG	45	8371 0023 20.4N 01.5W	MONT	1974 H 06 14 15.7	BOTOP 03424 SHIP EV DATA USE II AREA 05		TEMP 13.5 BULB 12.5 METR 1030.6 D T/A		GT PER 0 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	03	TR.	AC E RAT.	DIR		ER D		N SQ I SQUARE SQUARE SQUARE	E 46
CAS	TNUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT	P	NO2	NO:	3	\$103	PH	
			STD	00000	06.84	33.58	26.34	00.000	1476.6										
		15.7	O8S STD	00003	06.84 06.75	33.576	26.34 26.37	00.017	1476.6										
			085	00011	06.69	33.598	26.38	000021	1476.2										
			OBS	00015	06.43	33.610	26.42		1475.2										
			STD	00020	06.44	33.60	26.41	00.033	1475.3										
			OBS OBS	00020	06.45 06.59	33.600	26.41 26.56		1476.3										
			OBS	00028	06.78	34.150	26.80		1477.5										
			STD	00030	08.19	34.46 34.540	26.85 26.86	00.048	1483.4										
			OBS OBS	00030	08.50 04.82	34.040	26.96		1469.6										
			DBS	00040	04.98	34.150	27.03		1470.5										
			085	00041	05.46	34.230	27.03		1472 - 6										
			STD	00050	05.67	34.26	27.03	00.070	1473.6										
			085	00051	05.68 05.07	34.240	27.03 27.09		1471.4										
			STD	00075	04.83	34.21	27.09	00.096	1470.5										
			085	00093	04.64	34.197	27.10		1470.0										
			STD	00100	05.43	34.25 34.294	27.09 27.09	00.120	1472-1										
			08 S	00108	05.40	34.318	27.11		1473.7										
			OBS	00121	05.69	34.410	27.15		1475.0										
			STD	00125	05.76	34.41	27.14	00.145	1475.4										
			OBS OBS	00125	05.77 06.22	34.415	27.14 27.14		1477.5										
			085	00148	06.21	34.516	27.16		1477-7										
			STD	00150	06.35	34.56	27.18	00.168	1478.4										
			08\$	00152	06.53	34.615	27.20		1479.2 1480.0										
			OBS OBS	00156	06.70 07.09	34.665 34.740	27.22 27.22		1481.7										
			OBS	00178	06.50	34.630	27.22		1479.5										
			OBS	00182	06.15	34.620	27.25		1478-2										
			OBS OBS	00184	06.06 05.57	34.600	27.25 27.24		1477.8										
			OBS	00188	05.51	34.490	27.23		1475.5										
			OBS	00190	04.75	34.420	27.27		1472.3										
			STD	00200	04.52	34.43	27.30	00-211	1471-6 1471-5										
			08S	00201	04.50 04.51	34.440	27.31 27.35		1471.7										
			OBS	00220	05.08	34.600	27.37		1474.4										
			OBS	00228	04.46	34.490	27.35	00 040	1471.9										
			STD OBS	00250	03.95 03.92	34.50 34.500	27.42 27.42	00.248	1470.1 1470.0										
			085	00253	03.94	34.490	27.41		1470.1										
			OBS	00276	04.57	34.636	27.45		1473.3										
			OBS	00279	04.81	34.677	27.46		1474.4										
			08 \$ 08 \$	00283	04.87 05.19	34.740	27.51 27.49		1476.2										
			STD	00300	05.05	34.81	27.54	00.281	1475.9										
			085	00300	05.04	34.815	27.55		1475.9										
			OBS STD	00350	04-66 04-45	34.800 34.84	27.58 27.63	00.336	1475.1 1475.1										
			OBS	00401	04.44	34.840	27.63		1475.1										
			OBS	00451	04.82	34.970	27.69		1477.7										
			OBS	00491	04.76	34.960	27.69 27.71		1478.1										
			OBS OBS	00494 00498	04.47	34.935 34.930	27.70		1476.9										
			STD	00500	04.43	34.93	27.70	00.384	1476.8										
			OBS	00525	04.19	34.900	27.71		1476.2										
			OBS STD	00550	04.49 04.42	34.970	27.73 27.74	00.428	1478.5										
			OBS	00601	04.42	34.970	27.74	000120	1478.5										
			OBS	00651	04.37	34.970	27.74	00 17:	1479.1										
			STD	00700	04.30	34.97	27.75	00.471	1479.6										
			08S 08S	00700	04.30 04.18	34.975	27.75 27.77		1480.0										
			STO	00800	04.08	34.96	27.77	00.513	1480.4										
			OBS	00801	04.08	34.960	27.77		1480.4										
			085	00850	04.08 03.94	34.976 34.95	27.78 27.77	00.555	1481.2										
			STD	00900	03.94	34.950	27.77		1481.4										
			OBS	00951	03.94	34.960	27.78		1482.3										
			STD	01000	03.87	34.96	27.79	00.597	1482.8 1482.8										
			085 085	01003	03.86 03.83	34.965	27.79 27.79		1482.9										
			085	01024	03.85	34.960	27.79		1463.1										
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TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSE LAT LONG	45	8371 0024 35.2N 27.0N	MONT	1974 H 06 14 19.2	BUTDP 03044 SHIP EV DATA USE 1 AREA 05	BARC	TEMP 13.4 BULB 12.6 METR 1030.8 D T/A			WIND-DIR WIND-SPO WIND-FOR WEATHER	00	TRACE		00.4	5 2	EN SQ 130 SQUARE SQUARE 4 SQUARE 5
CAS	TNUK/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXY G	P04	TOT P	NO2	NO3	\$103	PH
		19.2	STD OBS	00000 00001 00007	03.77 03.77	33.16 33.15e	26.37 26.37	00.000	1463.4 1403.4 1462.5							
			OBS OBS	00007	03.55 03.10	33-117	26.36 26.38		1460.6							
			STO	00010	03.08	33.10	26.39	00.017	1460.5							
			OBS	00011	03-01	33.115	26.40	00.033	1460.3							
			STD	00020	02.79 02.74	33.12 33.12	26.43 26.43	00.033	1459.5							
			OBS	00022	02.61	33.120	26.44		1458.7							
			085	00024	01.37	33.225	26.62		1453.4							
			OBS STD	00026	0C.65 00.18	33.31>	26.73 26.96	00.046	1450.4							
			OBS	00030	00.16	33.58>	26.98		1448.6							
			OBS	30034	00-46	33.667	27.03		1450.1							
			OBS OBS	00036	00.73	33.710	27.05 27.04		1451.4 1453.5							
			OBS	20045	31.77	33.790	27.04		1456.3							
			085	00049	01.14	33.750	27.05		1453.5							
			STD DBS	00050	01.10	33.75 33.782	27.06 27.09	00.068	1452.6							
			STO	00075	01.52	33.94	27.18	00.091	1455.9							
			OBS	00076	01.53	33.942	27.18		1456.0							
			OBS OBS	00078	01.54 02.28	33.950 34.118	27.19 27.27		1456 • 1 1459 • 6							
			085	00083	02.46	34.155	27.28		1460.5							
			OBS	00089	03.20	34.295	27.33		1464.0							
			OBS OBS	00091	03.65	34.414	27.37		1466.1							
			OBS	00097	03.72	34.410	27.37 27.36		1470.5							
			OBS	00099	34.88	34.555	27.36		1471.6							
			STD	00100	05. C8	34.59	27.36	00.112	1472 -4							
			OBS OBS	00100	05.23 05.27	34.610	27.36 27.36		1473.1 1473.4							
			STD	00125	03.79	34.44	27.38	00-130	1467.3							
			OBS	00125	03.75	34-432	27.38	00.140	1467.1							
			OBS	J0150 00150	03.90 03.90	34.50 34.500	27.42 27.42	00.148	1468.2 1468.2							
			OBS	00156	03.66	34.510	27.45		1467.3							
			085	00161	04-04	34-560	27.45		1469.1							
			085	00165	03.62	34.487	27.44 27.45		1467.3							
			085	00175	03.49	34.500	27.46		1466.9							
			085	00178	03.25	34.510	27.50		1466.0							
			OBS	00196	03.40	34.614	27.56 27.56		1467.0							
			STD	00200	03.19	34.59	27.56	00.178	1466.2							
			OBS	00213	C2.70	34.55>	27.58		1464.2							
			DBS OBS	00222	02.72 02.93	34.580 34.620	27.60 27.61		1464.5							
			STD	00250	03.08	34.63	27.61	00.205	1466.6							
			OBS	00251	03.09	34.635	27.61		1466.6							
			OBS	00276 00300	03.35 03.59	34.750 34.78	27.67 27.67	00.229	1468.3							
			OBS	00302	03.62	34.780	27.67	00.229	1469.9							
			085	00350	04.06	34.840	27.67		1472.7							
			STD	00400	04.03 04.03	34.86 34.860	27.69 27.69	00.274	1473.4							
			085	00451	03.92	34.850	27.70		1473.8							
			STD	00500	03.94	34.84	27.69	00.320	1474.6							
			08S	00515	03.95	34.840	27.69		1474.9							
			STD	00550	03.97 03.90	34.850 34.85	27.69 27.70	00.366	1476.1							
			085	00601	03.90	34.850	27.70		1476.2							
			OBS	00651	03.87	34.845	27.70	00 412	1476.8							
			STD	00700	03.85 03.85	34.85 34.85	27.70 27.70	00.412	1477.6 1477.6							
			085	00750	03.81	34.845	27.70		1478.2							
			STD	00800	03.74	34.84	27.71	00.459	1478.8							
			OBS OBS	00801	03.74 03.78	34.840 34.860	27.71		1478.8							
			STD	00900	03.48	34.85	27.72 27.72	00.506	1480.2							
			280	00900	03.69	34.850	27.72		1480 .2							
			OBS	01000	03.76 03.79	34.955 34.94	27.80	00 550	1481.6 1482.4							
			085	01000	03.79	34.940	27.78 27.78	00.550	1482.4							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8371 CONSEC 0025 LAT 45 45.0N LONG 046 52.1W	YEAR MONTH DAY HOUR	1 06	BOTOP 01922 SHIP EV DATA USE 1 AREA 05	AIK T WET B BAKOM CLGUD	ULB 09.9 IETR 1030.9		GT PER	WIND-DIR WIND-SPD WIND-FOR WEATHER	04	TRAC	STO RECEIVED IN STREET OF THE	00 • 4	5 :	N SQ 1306 SQUARE 4 SQUARE 46 SQUARE 56
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	CXY G	P04	TOT	P NO2	NO3	\$103	PH
	STD	00000	04-21	33.26	26.40	00.000	1465.4							
22.0	OBS	00003	04-21	33.260	26.40		1465.5							
	OBS	00009	04.06 04.06	33.242	26.41	00.016	1464.9							
	OBS	00011	04.06	33.255	26.42	00.010	1464.9							
	STD	00020	04.03	33.26	26.43	00.033	1465.0							
	OBS	00020	04.02	33.265	26.43		1465.0							
	OBS	00028	03.96	33.240	26.43		1464.8							
	STD	00030	03.85	33.26	26.44	00.049	1464.4							
	OBS	00032	03.64	د25-33	26.46		1463.5							
	DBS	00034	03.44	33.250	26.47		1462.7							
	OBS	00038	01.96	33.574	26.85 27.06		1456.8							
	OBS	00049	01.27	33.763	27.07	00.075	1454.2							
	STD OBS	00051	01.28	33.810	27.09	00.015	1454.3							
	085	00053	01.32	33.800	27.09		1454.5							
	OBS	00059	01.78	33.945	27.17		1456.8							
	STD	00075	02.01	34.08	27.26	00.097								
	OBS	00076	02.03	34.087	27.26		1458.4							
	STD	00100	02.60	34.26	27.35	00.117	1461-5							
	085	00100	02.62	34.265	27.35	00 125	1461.6							
	STD	00125	02.87	34.40	27.44	00.135	1463.3							
	OBS STD	00125	02.88 03.28	34.400 34.49	27.44 27.48	00.151	1465.6							
	085	00150	03.29	34.495	27.48	001171	1465.6							
	OBS	00175	03.56	34.610	27.54		1467.4							
	OBS	00194	03.98	34.656	27.53		1469.5							
	STD	00200	04.00	34.67	27.54	00.181	1469.7							
	OBS	00201	04.00	34.673	27.55		1469.7							
	OBS	00226	04.07	34.750	27.60		1470.5							
	STD	00250	04.19	34.77	27.61	00.208	1471.5							
	OBS	00255	04.21 C4.30	34.78U 34.830	27.61 27.64		1472.5							
	OBS STD	00279	04.20	34.85	27.66	00.233	1472.5							
	085	00300	04.20	34.847	27.66		1472.4							
	OBS	00338	03.87	34.830	27.69		1471.7							
	OBS	00350	04.06	34.840	27.67		1472.7							
	STD	00400	04-11	34.85	27.68	00.279	1473.7							
	OBS	00401	04.11	34.850	27.68		1473.7							
	OBS	00451	04-00 04-02	34.850 34.83	27.69 27.67	00.327	1475.0							
	STD	00500	04.02	34.830	27.67	000321	1475.0							
	OBS	00550	03.50	34.850	27.70		1475.3							
	STD	00600	04.02	34.92	27.74	00.372	1476.7							
	OBS	00609	04.05	34.930	27.75		1477.0							
	OBS	00651	04.24	34.950	27.75		1478.5							
	STD	00700	04-12	34.95	27.76	00.414	1478.9							
	OBS	00700	04.12	34.950	27.76		1478.9							
	CBS STD	00750	04.15 04.10	34.96u 34.96	27.76 27.77	00.456	1480.4							
	085	00803	04.10	34.960	27.77	008430	1480.5							
	OBS	00850	04.13	34.980	27.78		1481 .4							
	STD	00900	03.96	34.96	27.78	00.498	1481.5							
	OBS	00900	03.96	34.960	27.78		1481.5							
	280	00953	03.89	34.954	27.78		1482-1							
	STD	01000	03.79	34.94	27.78	00.539	1482.5							
	085	01001	03.79	34.940	27.78 27.78		1482.5							
	OBS OBS	01022 01024	03.73 03.74	35.180	27.98		1483.0							
	003	01024	03014	220100	21475		1 10000							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

	371		1974	BOTDP 01760 SHIP EV	AIR WET		DIR HO		WIND-DIR				TD R	ECORDER D	5	N SQ 1	- 4
CONSEC 0 LAT 45 56 LONG 047 14		DAY	15 00.7	DATA USE 1 AREA 05	BANC	METR 1031.5	SEA CL/TR		WIND-FOR WEATHER	X4	CR I		ION 011 6	27	1	SQUARE SQUARE	57
CASTNUM/TI	ME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXY G	P04	TOT	P	NO2	NO3	\$103	PH	
		STD	00000	03.28	33.10	26.37	00.000	1461.2									
00	.7	OBS	00003	03.28	33.10∠	20.37		1461.3									
		OBS	00005	02.90	33.050	26.36	00.016	1459.6									
		STD	00010	02.73	33-11	26.42	00.010	1458.5									
		CBS	00011	02.69	33.117	26.43 26.43	00.033										
		STD	00020	02.71 02.71	33.12 33.120	26.43	00.033	1459.1									
		OBS OBS	00020	02.45	33.110	26.45		1458-1									
		STD	00020	01.59	33.25	26.60	00.048										
		OBS	00030	01.82	33.260	26.61		1455.6									
		085	00032	OC.91	33.257	26.67		1451.5									
		OBS	00036	00.05	33.460	20.88		1448.0									
		OBS	00047	- 0.43	33.600	27.02	00 073	1446.2 1446.3									
		STD	00050	- 0.41	33-60	27.02	00.073	1446.4									
		CBS	00051	- 0.39	33.600	27.02 27.19	00-097	1449.3									
		STD OBS	00075	00.09	33.800	27.20		1449.6									
		OBS	00091	00.96	34.127	27.37		1453.9									
		OBS	00095	01.55	34.266	27.44		1456.8									
		OBS	00099	01.84	34.310	27.45		1458.2									
		STD	00100	02.28	34.35	27.45	00.116	1460.3									
		OBS	00100	02.63	34.390	27.45		1461.8									
		OBS	00106	03.81	34.525	27.45		1468.8									
		OBS	00114	04.14	34.585 34.62	27.46 27.47	00.132	1469.7									
		STD OBS	00125	04.31	34.620	27.47	000000	1469.7									
		STD	00150	04.93	34.76	27.51	00-147										
		CBS	00150	04.94	34.760	27.51		1472.9									
		085	00171	04.37	34.697	27.53		1470.8									
		DBS	00177	04.40	34.737	27.55	00 17/	1471 -3									
		STD	00200	C4-80	34.83	27.58	00.176	1473.3									
		OBS	00201	04-82	34.830	27.58 27.58		1474.1									
		DBS STD	00226	04.90 04.54	34.84	27.63	00.202	1473.0									
		OBS	00251	04.53	34.842	27.63		1473.0									
		OBS	00262	04.51	34.830	27.62		1473.1									
		OBS	00270	04.26	34.794	27.61		1472.1									
		OBS	00276	04.18	34.780	27.61	00 007	1471.9									
		STD	00300	03.92	34.76	27.63	00.227	1471 • 1 1471 • 1									
		OBS	00300	03.51 04.20	34.760 34.84	27.63 27.66	00.276	1474.1									
		STD	00400 00407	04-21	34.840	27.66	000210	1474.2									
		OBS OBS	00451	04.21	34.860	27.67		1475.0									
		STD	00500	04.08	34.86	27.68	00.324	1475.2									
		OBS	00500	04.08	34.850	27.68		1475.3									
		CBS	00550	04.01	34.850	27.69		1475.8									
		STD	C0600	03.94	34.86	27.70	00.370	1476.3									
		OBS	00601	03.94 03.88	34.860 34.85u	27.70 27.70		1476.9									
		OBS STD	00651	03.87	34.86	27.71	00.416	1477.7									
		OBS	00702	03.87	34.860	27.71		1477.7									
		OBS	00750		34.850	27.72		1478.0									
		STD	00800		34.85	27.72	00.462	1478.7									
		08.5	00801	03.72	34.850	27.72		1478.7									
		OBS	00850		34.850	27.72	00.508	1479.4									
		STD	00900		34.86 34.866	27.73 27.73	00.508	1480.3									
		OBS	00900		34.860	27.73		1481-4									
		DBS STD	01000		34.86	27.73	00.554										
		DBS	01001		34.855	27.73		1481-6									
		085	01041		34.860	27.74		1482.2									

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

CASTNUM/TIME LVLTYP	REFID 31 8371 CONSEC 0027 LAT 46 01.5N LONG 047 23.9W	YEAR MONTH DAY HOUR	06 15	BOTOP 01345 SHIP EV DATA USE 1 AREA 05	AIR T WET B BAROM CLGUD	ULB 06.6 ETR 1030.8		GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	04	TR DU	AC E RAT	STD REC DIR ION 011 628	ORDER D 00.4	5	N SQ 1: SQUARE SQUARE SQUARE	66
02.7 085 00003 02.76 33.250 26.53	CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	PO 4	TOT	P	NOZ	NO3	5103	PH	
\$10 00010 02.56 33.21 26.52 \$10 00011 02.51 33.21 26.52 \$10 00020 02.22 33.25 26.58 \$10 00020 02.22 33.25 26.58 \$10 00020 02.22 33.25 26.58 \$10 00020 02.22 33.25 26.58 \$10 00020 00030 01.99 33.20 26.63 \$10 00030 01.99 33.30 26.63 \$10 00030 01.99 33.30 26.63 \$10 00030 01.99 33.30 26.63 \$10 00030 01.99 33.30 26.63 \$10 00030 01.99 33.30 26.63 \$10 00030 01.99 33.30 26.63 \$10 00030 01.99 33.30 26.63 \$10 00030 00044 \$10 00030 00044 \$10 00030 00030 33.30 26.63 \$10 00030 00057 \$10 00030 00059 \$10 00050 00052 \$10 00050 00052 \$10 00050 00052 \$10 00050 00052 \$10 00050 00052 \$10 00050 00052 \$10 00050 00052 \$10 00050 00052 \$10 00050 00052 \$10 00050 00052 \$10 00050 00052 \$10 00050 00052 \$10 00050 00050 00052 \$10 00050 00050 00050 00050 \$10 00050 00			00000	02.76		26.53	00.000	1459.2									
085 00011 02.51 33.212 20.52 00.030 1457.1 1457.1 1577.1 1457.1 1577.1 1457.1 1577.1 1457.1 1577.1 1457.1 1577.1 1457.1 1577.1 1457.1 1577.1 1457.1 1577.1 1	02.1						00.015										
\$10 00020 02.22 33.25 26.58 00.030 1457.1 085 00020 02.19 33.257 26.58 00.030 1457.1 085 00030 01.09 33.00 26.63 085 00041 01.79 33.45 26.65 00.045 1456.4 085 00040 00.41 33.457 26.66 1455.5 085 00040 00.42 33.46 26.66 00.001 085 00050 00.42 33.46 26.66 00.001 085 00051 00.39 33.46 26.67 1459.5 085 00050 00.52 23.470 26.92 1449.7 085 00050 - 0.69 33.500 27.03 1445.1 085 00060 - 0.69 33.500 27.03 1445.1 085 00076 00.25 33.780 27.15 1446.7 085 00076 - 0.16 33.780 27.15 1448.1 085 00076 - 0.25 33.780 27.15 1448.1 085 00077 00.25 33.790 27.15 1448.1 085 00170 00125 37.70 27.14 1448.1 085 00170 00125 37.70 27.14 1448.1 085 00170 00155 34.10 27.29 00.117 1459.1 085 00170 00125 37.70 27.14 1448.1 085 00170 00125 37.70 27.14 1448.1 085 00170 00125 37.70 27.14 1448.1 085 00170 00125 37.70 27.14 1448.1 085 00170 00125 37.70 27.14 1448.1 085 00170 00125 37.70 27.14 1448.1 085 00170 00125 37.70 27.14 1448.1 085 00170 00125 37.70 27.14 1448.1 085 00170 00125 37.70 27.14 1448.1 085 00170 00125 37.70 27.14 1448.1 085 00170 00125 37.70 27.14 1448.1 085 00170 00125 37.70 37.10 37.							00.017										
085 00020 02.19 33.257 26.58 1457.1 085 00030 01.99 33.30 26.63 00.045 1456.4 085 00031 01.91 33.340 26.66 1456.4 085 00034 01.91 33.345 26.66 1450.0 085 00049 00.44 33.457 26.66 1450.0 STD 00050 00.42 33.46 26.66 0.071 1449.9 085 00051 00.39 33.460 26.66 1450.0 085 00057 00.59 33.460 26.86 1450.1 085 00059 00.62 33.460 26.86 1450.1 085 00059 00.69 33.597 27.83 1444.1 085 00060 - 0.69 33.597 27.83 1444.1 085 00060 - 0.69 33.757 27.13 00.097 1446.7 085 00066 - 0.45 33.757 27.13 00.097 1446.7 085 00066 - 0.45 33.757 27.13 00.097 1446.7 085 00070 - 0.25 33.760 27.14 1450.1 085 00070 - 0.25 33.790 27.14 1450.1 085 00100 00.55 34.010 27.29 00.119 1452.0 085 00120 00.55 34.010 27.39 00.119 1452.1 085 00120 00.55 34.010 27.39 00.119 1452.1 085 00120 00.55 34.010 27.39 00.119 1452.1 085 00120 00.55 34.010 27.39 00.119 1452.1 085 00120 00.55 34.010 27.39 00.119 1452.1 085 00120 00.55 34.010 27.39 00.119 1452.1 085 00120 00.55 34.010 27.39 00.119 1452.1 085 00120 00.55 34.010 27.59 00.199 1454.5 00.199 1457.7 085 00120 00.55 34.010 27.59 00.199 1459.5 00.199 1457.7 085 00150 01.56 34.310 27.47 00.155 1457.8 00.156 1457.9 00.156 14						26.58	00.030										
085 00044 01-79 33-34-0 26-67 1455-2 085 00041 01-79 33-45-2 26-77 1455-5 085 00040 00-44 33-45-2 26-76 1455-5 085 00050 00-52 33-46 26-86 00-001 1450-6 00-005 00050 00-52 33-46 26-86 00-007 - 0-152 33-47 26-86 00-007 - 0-152 33-47 26-86 00-007 - 0-152 33-47 26-86 00-007 - 0-152 33-47 26-86 00-007 - 0-152 33-40 26-86 00-007 - 0-152 33-40 26-86 00-007 - 0-152 33-40 26-86 00-007 - 0-152 33-40 26-86 00-007 - 0-152 33-40 26-86 00-007 - 0-152 33-40 27-152 00-007 - 0-152 33-40 27-152 00-007 - 0-152 33-79 27-153 00-007 - 0-152 33-79 27-154						26.58		1457.1									
OBS 00041 01.79 33.459 26.77 1455.6 OBS 00049 0.44 33.457 26.86 00.071 1450.0 OBS 00055 00.42 33.46 26.86 00.071 1449.9 OBS 00055 00.52 33.460 26.98 1445.1 OBS 00057 -0.52 33.470 26.92 1445.7 OBS 00060 -0.69 33.597 27.03 1445.1 OBS 00060 -0.63 33.600 27.03 1445.1 OBS 00060 -0.63 33.600 27.03 1445.1 OBS 00076 -0.16 33.782 27.15 1446.7 OBS 00076 -0.16 33.782 27.15 1446.1 OBS 00077 -0.25 33.782 27.15 1452.1 OBS 00100 06.55 34.00 27.299 0c.119 1425.1 OBS 00100 06.55 34							00.045										
OBS																	
STD 00050 00.42 33.46																	
085 00051 00.59 33.460 26.86 1450.4 085 00057 - 0.52 33.470 26.92 1465.7 085 00059 - 0.69 33.577 27.03 1445.1 085 00060 - 0.69 33.601 27.03 1445.7 085 00060 - 0.69 33.757 27.03 1445.7 085 00060 - 0.69 33.757 27.03 1445.7 085 00060 - 0.69 33.760 27.03 1445.7 085 00060 - 0.69 33.760 27.03 1445.7 085 00060 - 0.69 33.760 27.13 1446.6 SID 00075 - 0.25 33.78 27.15 1446.6 SID 00075 - 0.25 33.78 27.15 1446.1 085 00076 - 0.16 33.760 27.15 1446.1 085 00070 - 0.16 33.760 27.15 1460.1 085 00109 00.55 34.00 27.29 00.119 1452.0 085 00100 00.55 34.00 27.29 00.137 1452.5 SID 00100 00.55 34.00 27.39 00.137 1452.5 SID 00150 01.55 34.31 27.47 00.154 1457.8 085 00150 01.55 34.31 27.47 00.154 1457.8 085 00150 01.55 34.31 27.47 00.154 1457.8 085 00150 01.55 34.41 27.52 00.184 1460.5 085 00210 10.55 34.41 27.52 00.184 1460.5 085 00210 10.55 34.41 27.52 00.184 1460.5 085 00210 10.55 34.41 27.52 00.184 1460.5 085 00210 10.55 34.41 27.52 00.184 1460.5 085 00210 10.55 34.41 27.52 00.184 1460.5 085 00210 10.55 34.41 27.52 00.184 1460.5 085 00210 10.55 34.41 27.52 00.184 1460.5 085 00210 10.55 34.41 27.52 00.184 1460.5 085 00210 10.55 34.41 27.52 00.184 1460.5 085 00210 10.55 34.41 27.52 00.184 1460.5 085 00210 10.55 34.41 27.52 00.184 1460.5 085 00210 10.55 34.41 27.52 00.184 1460.5 085 00210 10.55 34.41 27.52 00.184 1460.5 085 00210 10.55 34.45 27.65 1460.0 085 00210 10.55 34.45 27.75 1460.0 085 00210 10.55 34.45 27.76 1460.2 085 00210 10.55 34.85 27.76 00.280 1460.9 085 00300 02.68 34.65 27.66 1465.7 085 00300 02.68 34.85 27.70 1465.9 085 00413 03.10 34.75 27.70 1465.9 085 00500 03.74 34.83 27.70 0.477.3 085 00500 03.76 34.84 27.70 0.477.3 085 00500 03.77 34.84 27.70 0.477.3 085 00500 03.79 34.84 27.70 0.477.3 085 00500 03.79 34.84 27.70 0.477.3 085 00500 03.79 34.84 27.70 0.477.3 085 00500 03.79 34.84 27.70 0.477.3 085 00500 03.79 34.84 27.70 0.477.3 085 00500 03.70 34.84 27.70 0.477.3 085 00500 03.70 34.84 27.70 0.477.3 085 00500 03.70 34.84 27.70 0.477.3 085 00500 03.70 34.84 27.77 0							00-071	1449.9									
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085 00059 - 0.69 33.597 27.03 1445.1 085 00060 - 0.63 33.600 27.03 1445.4 085 00060 - 0.38 33.600 27.02 1446.7 085 00068 - 0.45 33.767 27.13 1446.7 085 00068 - 0.45 33.777 27.13 1446.6 3TD 00017 - 0.22 33.76 27.13 1446.6 3TD 00017 - 0.22 33.76 27.14 1446.1 085 00079 00.25 33.760 27.14 1446.1 085 00100 00.55 34.00 27.29 00.119 152.0 085 00100 00.55 34.00 27.29 1.455.5 085 00100 00.55 34.10 27.37 1456.5 085 00127 01.02 34.140 27.37 1456.5 085 00110 01.55 34.31 27.47 00.154 1457.8 3TD 00150 01.55 34.31 27.47 00.154 1457.8 085 00117 01.8 34.400 27.57 1457.9 085 00118 01.18 34.400 27.55 20.14 1457.9 085 00210 01.95 34.410 27.47 1457.9 085 00210 01.95 34.410 27.47 1457.9 085 00210 01.50 34.310 27.47 1457.9 085 00210 01.8 34.400 27.55 20.14 1457.9 085 00210 01.95 34.40 27.55 20.14 1457.9 085 00211 01.8 34.400 27.55 20.14 1457.8 085 00228 02.06 34.480 27.57 1460.6 085 00228 02.06 34.480 27.57 1460.6 085 00228 02.06 34.480 27.57 1460.6 085 00228 02.06 34.480 27.57 1460.6 085 00276 02.39 34.59 27.63 00.211 1463.5 085 00276 02.56 34.465 27.65 1466.6 085 00276 02.56 34.65 27.66 00.225 1466.6 085 00302 02.68 34.65 27.66 00.225 1466.6 085 00403 03.13 34.750 27.66 1466.2 085 00403 03.13 34.750 27.66 1466.2 085 00403 03.13 34.750 27.66 1466.2 085 00403 03.13 34.750 27.66 1466.2 085 00403 03.13 34.750 27.66 1466.2 085 00403 03.13 34.750 27.66 1466.2 085 00403 03.13 34.750 27.66 1466.2 085 00403 03.13 34.750 27.66 1466.2 085 00403 03.13 34.750 27.66 1466.2 085 00403 03.13 34.750 27.66 1466.2 085 00403 03.77 34.80 27.70 04.17 1473.8 085 00403 03.77 34.80 27.70 04.17 1473.8 085 00403 03.77 34.80 27.70 04.17 1473.8 085 00403 03.77 34.80 27.70 04.17 1473.8 085 00403 03.77 34.80 27.70 04.17 1473.8 085 00403 03.77 34.80 27.70 04.17 1473.8 085 00403 03.77 34.80 27.70 04.17 1478.8 085 00403 03.77 34.80 27.70 04.17 1478.8 085 00403 03.77 34.80 27.70 04.17 1478.8 085 00403 03.77 34.80 27.70 04.17 1478.8 085 00403 03.70 03.70 34.80 27.71 1478.8 085 00403 03.70 03.70 34.80 27.71 1478.8 085 00403 03.70 03.70 34.80 27.71 1478.8 085 00403 03.7					33.460												
085 00060 - 0.63 33.e00 27.02 1445.4 085 00066 - 0.45 33.e10 27.02 1446.7 085 00066 - 0.45 33.e10 27.02 1446.6 STD 00075 - 0.25 33.e7 27.15 00.097 1447.7 085 00076 - 0.16 33.e80 27.15 00.097 1447.7 085 00076 - 0.16 33.e80 27.15 1446.1 STD 00100 00.54 34.00 27.29 00.11 1452.1 STD 00100 00.54 34.00 27.29 00.11 1452.1 STD 00100 00.54 34.00 27.29 00.11 1452.1 STD 00100 00.55 34.10 27.37 00.137 1454.5 C85 00127 01.02 34.140 27.37 00.154 1457.8 C85 00127 01.02 34.140 27.37 00.154 1457.8 C85 00150 01.55 34.310 27.47 00.154 1457.8 C85 00150 01.56 34.310 27.47 00.154 1457.8 C85 00150 01.64 34.40 27.52 00.66 1460.5 C85 00210 01.99 34.41 27.52 00.164 1460.5 STD 00200 01.99 34.41 27.52 00.164 1460.5 C85 00210 01.99 34.41 27.52 00.20 164 1460.5 C85 00210 01.99 34.41 27.52 00.20 164 1460.5 C85 00210 00200 01.99 34.46 27.50 00.21 1465.5 C85 00210 00200 01.99 34.46 27.50 00.21 1465.5 C85 00210 00200 01.99 34.46 27.52 1460.6 C85 00210 00200 02.29 34.86 27.57 1460.6 C85 00216 02.29 34.55 27.66 00.235 1465.6 C85 00302 02.68 34.55 27.66 00.235 1465.6 C85 00302 02.68 34.65 27.66 00.235 1465.6 C85 00302 02.68 34.65 27.66 00.235 1465.6 C85 00304 03.13 34.75 27.66 00.235 1465.6 C85 00305 00400 03.23 34.75 27.66 00.235 1465.6 C85 00413 03.31 34.87 02.7.00 1469.2 STD 00500 03.44 34.83 27.70 00.300 1473.6 C85 00413 03.31 34.86 27.70 00.300 1473.6 C85 00401 03.14 34.83 27.70 00.300 1473.6 C85 00401 03.17 34.84 27.70 00.370 1473.6 C85 00401 03.18 34.84 27.70 00.370 1473.6 C85 00500 03.47 34.84 27.70 00.370 1473.6 C85 00500 03.48 34.86 27.70 00.370 1473.6 C85 00500 03.48 34.86 27.70 00.370 1473.6 C85 00500 03.79 34.86 27.71 1477.3 C85 00500 03.60 33.88 27.71 1477.3 C85 00500 03.60 33.88 27.71 1477.3 C85 00500 03.60 33.88 27.71 147																	
085 00064 - 0.38 33.610 27.02 1446.7 085 00066 - 0.45 33.757 27.13 1446.6 STD 00075 - 0.25 33.78 27.15 00.097 1447.7 085 00076 - 0.16 33.780 27.15 1448.1 085 00077 00.25 33.790 27.14 1450.1 STD 00100 00.54 34.00 27.29 00.119 1452.0 085 00100 00.55 34.010 27.39 01.11 1452.0 085 00100 00.55 34.010 27.37 01.11 1452.1 085 00100 00.55 34.010 27.37 01.13 1452.1 085 00100 00.55 34.010 27.37 01.15 1452.1 085 00100 01.55 34.01 27.37 01.15 1452.1 085 00150 01.55 34.01 27.47 00.154 1457.8 085 00150 01.55 34.10 27.47 00.154 1457.8 085 00150 01.56 34.00 27.47 00.154 1457.9 085 00150 01.99 34.410 27.52 00.186 1460.5 085 00210 01.99 34.410 27.52 00.186 1460.5 085 00221 01.99 34.410 27.52 00.186 1460.5 085 00250 02.39 34.55 27.65 00.211 1463.5 085 00250 02.29 34.65 27.65 00.213 1465.6 085 00276 02.40 34.550 27.66 00.235 1465.6 085 00302 02.67 34.55 27.66 00.235 1465.6 085 00302 02.68 34.550 27.66 00.235 1465.6 085 00302 02.68 34.550 27.66 00.235 1465.6 085 00302 02.68 34.550 27.66 00.235 1465.6 085 00302 0040 03.23 34.75 27.66 00.235 1465.6 085 00400 03.24 34.85 27.66 00.235 1465.6 085 0050 00400 03.23 34.75 27.66 00.235 1465.6 085 0050 00400 03.24 34.85 27.66 00.235 1465.6 085 0050 00400 03.24 34.85 27.66 00.235 1465.6 085 0050 00400 03.24 34.85 27.66 00.235 1465.6 085 0050 00374 34.83 27.70 1469.2 STD 00500 03.74 34.83 27.70 1473.5 STD 00500 03.74 34.84 27.71 1473.5 STD 00500 03.74 34.84 27.71 1475.5 O85 00500 03.74 34.84 27.71 1475.5 O85 00500 03.74 34.84 27.71 1477.3 O85 00500 03.74 34.84 27.71 00.41 1477.3 O85 00500 03.74 34.84 27.71 1477.3 O85 00500 03.65 34.8																	
CBS																	
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STD 00700 03.79 34.84 27.70 00.417 1477.3 085 00750 03.79 34.840 27.70 1477.3 085 00750 03.76 34.840 27.71 1478.7 STD 00800 02.73 34.84 27.71 00.463 1478.7 085 00801 03.73 34.84 27.71 1478.8 085 00852 03.70 34.840 27.71 1479.5 STD 00900 03.65 34.840 27.71 1479.5 STD 00900 03.65 34.840 27.72 00.510 1480.1 085 00951 03.62 34.845 27.72 1480.8 STD 01000 03.60 34.85 27.73 00.556 1481.5 085 01001 03.60 34.85 27.73 1481.5																	
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OBS 00750 03.76 34.840 27.71 1478.0 STD 00800 03.73 34.840 27.71 00.463 1478.7 OBS 00801 03.73 34.840 27.71 1478.8 OBS 00852 03.70 34.840 27.71 1479.5 STD 00900 03.65 34.840 27.71 1479.5 OBS 00900 03.65 34.840 27.72 1480.1 OBS 00901 03.65 34.840 27.72 1480.1 OBS 00901 03.65 34.845 27.72 1480.8 STD 01000 03.60 34.85 27.73 00.556 1481.5 OBS 01001 03.60 34.850 27.73 1481.5							00.417										
STO 00800 02.73 34.84 27.71 00.463 1478.7 OBS 00801 03.73 34.840 27.71 1478.8 OBS 00852 03.70 34.840 27.71 1479.5 STO 00900 03.65 34.84 27.72 00.510 1480.1 OBS 00900 03.65 34.84 27.72 1480.1 OBS 00951 03.62 34.845 27.72 1480.8 STD 01000 03.60 34.85 27.73 00.556 1481.5 OBS 01001 03.60 34.85 27.73 1481.5																	
08S 00801 03.73 34.840 27.71 1478.8 08S 00852 03.70 34.840 27.71 1478.5 STD 00900 03.65 34.84 27.72 00.510 1480.1 08S 00901 03.65 34.840 27.72 1480.1 08S 00951 03.62 34.845 27.72 1480.8 STD 01000 03.60 34.85 27.73 1480.8 08S 01001 03.60 34.85 27.73 1481.5							00-463										
OBS 00852 03.70 34.840 27.71 1470.5 STD 00900 03.65 34.840 27.72 00.510 1480.1 OBS 00901 03.65 34.840 27.72 1480.1 OBS 00951 02.62 34.845 27.72 1480.8 STD 01000 03.60 34.85 27.73 00.556 1481.5 OBS 01001 03.60 34.850 27.73 1481.5							308 703										
STD 00900 03.65 34.84 27.72 00.510 1480.1 OBS 00900 03.65 34.840 27.72 1480.1 OBS 00951 03.62 34.845 27.72 1480.8 STD 01000 03.60 34.85 27.73 00.556 1481.5 OBS 01001 03.60 34.850 27.73 1481.5																	
OBS 00951 03.62 34.845 27.72 1480.8 STD 01000 03.60 34.85 27.73 00.556 1481.5 OBS 01001 03.60 34.850 27.73 1481.5			00900	03.65	34.84	27.72	00.510	1480.1									
STD 01000 03.60 34.85 27.73 00.556 1481.5 OBS 01001 03.60 34.850 27.73 1481.5																	
OBS 01001 03.60 34.850 27.73 1481.5							00 551										
							30.336										

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID 31 8371 CONSEC 0028 LAT 46 06.0N LONG 047 34.0W	MONT	1974 H 06 15 04.5	BOTDP 00365 SHIP EV DATA USE 1 AREA 05		ULB 05.5 ETR 1031.1		GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	09	TRACI	STD REG E DIR TICN 011 629	00.2	TEN SQ 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 67
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DXY G	P04	TOT P	NO2	NO3	S103 PH
	CTD	00000	03.19	32.78	26.12	00.000	1460.4						
0.4 5	STD OBS	00003	03.19	32.780	26.12		1460.5						
04.5	085	00005	03.17	32.780	26.12		1460-4						
	085	00009	02.25	32.710	26.14		1456 - 4						
	STD	00010	02.20	32.72	26.15	00.019	1456.2						
	085	00013	01.94	32.780	26.22		1455.2						
	STD	00020	01.93	32.90	26.32	00.037	1455.4						
	085	00020	01.93	32.910	26.33		1455.4						
	STD	00030	01.83	33.04	26.44	00.053	1455.3						
	OB\$	00030	01.82	33.050	26.45		1455.3						
	STO	00050	01.46	33.09	26.50	00.085	1454.1						
	OBS	00051	01.43	33.090	26.51		1454.0						
	085	00055	00.06	33.090	26.58		1447.8						
	CBS	00057	- 0.34	33.276	26.75		1446.3						
	STD	00075	- 1.23	33.39	26.87	00.119	1442.6						
	085	00076	- 1.27	33.390	26.88		1442-4						
	085	00079	- 1.38	33.400	26.89		1442.0						
	QBS	00087	- 1.C8	33.450	26.92		1443.6						
	STD	00100	- C-98	33.58	27.02	00.146	1444.4						
	OBS	00100	- C.97	33.590	27.03		1444.5						
	STD	00125	- 0-24	33.82	27.18	00.171	1448.6						
	OBS	00125	- 0.22	33.820	27.19		1448.7						
	STD	00150	00.35	33.95	27.26	00.192	1451.9						
	OBS	00150	00.36	33.950	27.26		1452.0						
	085	00175	00.83	34.145	27.39		1454.8						
	STD	00200	01.13	34.15	27.38	00.230							
	OBS	00201	01.15	34.16C	27.38		1456.7						
	OBS	00226	01.47	34.297	27.47		1458.7						
	STD	00250	01.64	34.29	27.45	00.264	1459.8						
	OB S	00251	01.65	34.290	27.45		1459.9						
	085	00276	01.82	34-410	27.53		1461.2						
	STD	00300	01.99	34.42	27.53	00.295							
	08.5	00300	02-00	34.420	27.53		1462.4						
	085	00350	02.22	34.490	27.57		1464.3						
	OBS	00361	02.33	34.505	27.57		1465.0						
					****	*******	i de						

REFID 31 8371 CONSEC 0029 LAT 46 10.0N LONG 047 39.0W	MONT	1974 H 06 15 05.3	BOTDP 00212 SHIP EV DATA USE 1 AREA 05	AIR T WET B BARON CLLUE	ULB 05.0 ETR 1031.0	DIR HI OO SEA CL/TR	ST PER D X	WIND-DIR WINC-SPO WIND-FOR WEATHER	09	TRACE DURAT		00.1	5	N SQ 13 SQUARE SQUARE SQUARE	4 66
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH	
	STD	00000	02.51	32.71	26.12	00.000	1457.4								
05.3	OBS	00001	02.51	32.710	26.12		1457.4								
0545	OBS	00003	02.50	32.70b	20.12		1457.4								
	OBS	00009	01.54	32.686	26.17		1453.2								
	STD	00010	01.52	32.09	20.18	00.019	1453.1								
	OBS	00011	01.46	32.707	26.20		1452.9								
	OBS	00017	01.42	32.774	26.25		1452.9								
	STD	00020	00.88	32.77	26.28	00.037	1450.5								
	085	00020	00.64	32.770	26.30		1449.5								
	OBS	00022	00.03	32.740	26.30		1440.7								
	085	00026	- 1.16	33.337	26.59		1441.6								
	STD	00030	- 1.42	33.09	26.64	00.052	1440.5								
	OBS	20030	- 1.45	33.393	26.64		1440.4								
	STD	00050	- 1.65	33.26	26.78	00.079	1440.0								
	OBS	00051	- 1.66	33.266	26.78		.1440.0								
	OBS	00055	- 1.68	33.250	26.78		1439.9								
	STD	00075	- 1.61	33.39	26.89	OC.110									
	085	00076	- 1.60	33.393	26.89		1440.9								
	STD	00100	- 1.37	33.46	26.94	00.138									
	OBS	00100	- 1.35	33.470	26.95		1442.6								
	OBS	00112	- 1.11	33.600	27.05		1444.1								
	085	00121	- 0.25	33.820	27.19		1448.5								
	STD	00125	- 0.22	33.81	27.18	00.164									
	085	00125	- 0.22	33.805	27.17		1448.7								
	STD	00150	- 0.07	33.82	27.18	00.186	1449.8								
	OBS	30150	- 0.07	33.820	27.18		1449.8								
	085	30175	OC.07	33.900	27.24		1451.0								
	STD	00200	00.10	33.92	27.25	00.229									
	OBS	00201	00.15	33.930	27.26		1451.8								
	DBS	00203	00.21	33.942	27.26		1452.1								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 83 CONSEC 00 LAT 46 11. LONG 047 42.	30 2N	YEAR MONTH DAY HOUR	06 15	BOTDP 0018 SHIP EV DATA USE AREA 0	₩E 1 BA	R TEMP 04.5 T BULB 04.5 ROMETR 1031.0 LUD T/A	DIR HO OO (SEA CL/TR	GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	09	TR AC	STD I SE DIR ATION G 011	04	ER D D•1	5 S 2 S	SU 1306 QUARE 4 QUARE 66 QUARE 67	,
CASTNUM/TI	4E L	VLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT 6	P NO	2 NO:	3 S	103	PH	
06.	7	STD	00000	02.27	32.70 32.70		00.000	1456.3									
00.	• •	STD	00010	01.86 01.76	32.69	26.15	06.019	1454.6									
		STD OBS	00020	01.61	32.71	26.19	00.037	1453.7									
		OBS STD	00022	01.13	32.66	7 26.19	00.055	1451.6									
		OBS OBS	00030	- 0.29 - 0.84	32.91	0 26.46		1445.6									
		OBS STD	00040	- 1.22 - 1.62	33.09	5 26.64	00.083	1441.6									
		OBS OBS	00051	- 1.65 - 1.72	33.25			1440.0									
		STD OBS	00075 00076	- 1.70 - 1.70	33.35 33.36		00.114	1440.3									
		STD OBS	00100	- 1.57 - 1.56	33.45 33.45	0 26.94	00.143	1441.5									
		STD OBS	00125 00125	- 1.07 - 1.06	33.62 33.62	0 27.06	00-170	1444.5									
		OBS S	00150 00150	- 0.58 - 0.58	33.73 33.73	5 27.13	00.194	1447.3									
		OBS	00169	- 0.56	33.73			1447.8									
REFID 31 83	371	YEAR	1074	BUTOP 0013	7 41	K TEMP	DTD N	# IGT PER	WIND-DIR	95	TAIS	T 5T0	RECOR	EP	Ŧc	N SQ 130	4
	31	MONTH		SHIP EV	WE	T BULB	00		WIND-SPO WIND-FOR	08	TRA	CE DI	R	00.1	5	SQUARE SQUARE 6	4
LONG 047 52.	2 W	HOUR				CUD T/A	CL/TR	t	WEATHER			G 011				SQUARE 0	
CASTNUM/TI	4E L	.VLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT	P N	D2 Na	33 \$	103	PH	
07.	. 5	STD	00000	02.57	32.75		00.000	1457.7									
		OB \$ OB \$	00001	02.61 01.88	32.78			1457.9									
		OBS STD	00005	01.75 01.83	32.77	26.22	00.018	1454.1									
		085 085	00011	01.85 01.88	32.79	0 26.23		1454.7									
		OBS STD	00019	00.80 00.68	32.89	26.39	00.036										
		STD	00020	- 0.21	32.90	26.53	00.051	1449.4									
		OBS OBS	00030	- 0.23 - 0.27	33.00	26.53		1446.0									
		OBS OBS	00034	- 0.68 - 1.07	33.05 33.10	26.64		1444.0									
		OBS	00050	- 1.67 - 1.72	33.24	0 26.77	00.060	1439.7									
		STD OBS OBS	00075 00076 00097	- 1.63 - 1.63 - 1.60	33.26 33.26 33.39	26.78	00.112	1440.5 1440.5 1441.2									
		STD OBS	00100	- 1.44 - 1.24	33.45	26.90	00.142	1442.0									
		STD	00125	- 1.13 - 1.13	33.46	26.93	00.170	1444.0									
		OBS	00129	- 1.13	33.46			1444-0									
						*****	********	**									
REFID 31 83 CONSEC 00	371	YEAR MONTH		BCTDP 0012 SHIP EV	- E	n TEMP 04.8 T BULB 04.7		GT PER	WIND-DIR WIND-SPD				RECORE	Ð		N SQ 130 SQUARE	
LAT 46 18. LONG 047 56.	2N	DAY	15	DATA USE	I BA	KCMETR 1031.0			WIND-FOR WEATHER		DUR	ATION G 011	- (00.1		SQUARE 6 SQUARE 6	
CASTNUM/TIM	4E L	VLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P04	TOT	P N	D2 NO	13 S	103	PH	
08.	0	STD DBS	00000	02.90 02.90	32.89		00.000	1459.3									
004		STD OBS	00010	02.76 02.72	32.67	26.23	00.018	1458.8									
		OBS OBS	00015	02.59	32.07	26.25		1458.2									
		STD	00020	02.18	32.68	26.28	00.036	1456.5									
		08S	00022	02.09	32.67	7 26.25		1450.1									
		STD	00030	01.34 01.32	32.92	26.38	00.053	1453.0									
		085 085	00034	01.19 0C.54	32.90	26.37		1452.4									
		\$TD 085	00050	- 0.35 - 0.60	33.02	26.54	00.084	1445.5									
		DBS STD	00055	- 1.26 - 1.74	33.25	26.61	00.119	1441.7									
		085	00076	- 1.75 - 1.68	33.25	5 26.78	00.150	1440.0									
		OBS OBS	00100	- 1.67 - 1.31	33.36	26.87		1440.9									

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8371 CONSEC 0033 LAY 47 00.5N LONG 045 52.0N	YEAR 1974 MONTH 06 DAY 15 HOUR 17-1	BOTDP 00227 SHIP EV DATA USE 1 AREA 05	AIR TEMP 08.1 WET BULB 07.8 BAROMETR 1032.1 CLUUD T/A	DIR MGT PER 25 1 2 SEA CL/TR	WIND-DIR 11 WIND-SPD 05 WIND-FOR WEATHER X4	INST STD RECORDER TRACE DIR D DURATION 00.1 ORIG 011 634	TEN SQ 1306 5 SQUARE 4 2 SQUARE 64 1 SQUARE 75
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNDPTH SNO VEL	OXYG PO4	TOT P NO2 NO3	S103 PH
17-1	STD 00000 OBS 00001 OBS 00007 OBS 00007 STD 00010 OBS 00011 STD 00020 STD 00030 OBS 00047 OBS 00047 OBS 00047 OBS 00051 OBS 00065 OBS 00100 STD 00100 OBS 00100 STD 00125 OBS 00125 OBS 00125 OBS 00125 OBS 00158 OBS 00158 OBS 00158 OBS 00158 OBS 00158 OBS 00158 OBS 00175 STD 00200 OBS 00175 OBS 00203 OBS 00203	04.56 05.04 04.16 04.01 03.93 03.83 03.76 03.77 03.53 02.76 02.01 01.61 01.56 01.62 02.37 02.44 02.33 02.21 02.21 02.44 02.33 02.21 02.21 02.47 02.79 02.81 03.29 03.96 04.63	33.750	0C.000 1468.4 1468.4 1468.9 1468.9 1468.9 1468.5 00.017 1464.2 1464.0 00.034 1464.0 00.051 1463.9 1463.9 1463.9 1463.9 1455.4 1455.4 1455.4 1455.4 1455.8 00.102 1459.8 1460.1 1460.3 1460.3 1450.8 1459.6 1459.6 00.124 1459.6 1459.6 00.124 1459.6 1459.6 00.143 1461.2 1462.5 00.160 1463.4 1465.8 1469.1 00.190 1471.6			
REFID 31 8371 CONSEC . 0034 LAT 47 00.9N LONG 046 06.5W	YEAR 1974 MONTH 06 DAY 15 HCUR 18-2	BOTDP 00322 SHIP EV DATA USE 1 AREA 05	AIR TEMP 08.0 WEI BULB 07.3 BAROMETR 1031.5 CLGUD T/A	49 1 2	WIND-DIR 15 WIND-SPD 09 WIND-FOR WEATHER X4	INST STD RECORDER TRACE DIR D DURATION 00.2 ORIG CLL 635	TEN SQ 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 76
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNDPTH SNO VEL	OXY G PO 4	TOT P NO2 NO3	\$103 PH
18.2	STD 00000 OBS 00001 OBS 00015 STD 00010 OBS 00015 STD 00020 STD 00030 OBS 00030 OBS 00034 OBS 00041 OBS 00045 OBS 00045 OBS 00045 OBS 00057 OBS 00057 OBS 00057 OBS 00072 STD 00070 OBS 00100 OBS 00150 OBS 00201 OBS 00201	04-51 03-95 03-94 04-12 04-00 03-99 03-56 03-76 03-85 03-77 03-38 03-29 02-73 02-02 01-82 01-84 01-88 01-90 01-55 01-71 02-29 02-49 02-54 02-81 03-20 03-36 03-36 03-36 03-60 03-60 04-45 04-60 04-97 04-04 04-03 04-01 03-99	33-12	00.000 1466.5 1466.5 1466.5 1466.5 1464.8 1464.8 1464.8 1464.8 1464.5 1463.8 1462.6 1457.1 1456.6 1457.2 1456.8 1457.2 1456.8 1462.5 1466.5 1466.5 1466.5 1466.5 1466.5 1466.5 1466.5 1466.6 1467.3 1467.3 1467.3 1467.3 1467.8 1471.8 147			

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 837 CONSEC 003 LAT 47 00.91 LONG 046 16.51	5 MCN N DAY	R 1974 TH 06 15 R 19.4	BCTDP 01304 SHIP EV DATA USE 1 AREA 01	HET L BANC	TEMP 07. BULB 07. METR 1033. D T/A	0 24	HGT PER 1 2	WIND-DI WINC-SP WIND-FO WEATHER	D 05 R	TR AC	STD RE E DIR TION C11 63	00.	5 2	EN SQ 1306 SQUARE 4 SQUARE 66 SQUARE 76
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	. OXY G	P04	TOT P	NO2	NO3	.\$103	PH
19.4	STD	00000	04.60	33.21	26.32	00.000							4105	• • • • • • • • • • • • • • • • • • • •
17.4	OBS OBS	00001	04-60 04-48	33.210	26.32 26.35		1467.0							
	OBS STD	00009	04.03 04.01	33.19	20.35 26.37	00-017	1464.7							
	OBS STD	00011	03.90	33.240 33.26	26.44	00.033	1464.5							
	OBS OBS	00020	03.88 03.77	33.26u 33.270	26.44	00.033	1464.4							
	STD OBS	00030	03.16	33.45	26.66	00.048								
	OBS	00034	02.24	33.486	26.69 26.93		1461.3 1458.1							
	08 S 08 S	00036 00041	02.07	33.815 33.930	27.04 27.13		1457.5 1457.7							
	STD 08S	00050	02.15	34.05 34.076	27.22 27.24	00.071	1458.5 1458.6							
	STD CBS	00075	02.30 02.31	34.14	27.28 27.28	00.092	1459.6 1459.7							
	OBS CBS	00095	02.54	34.205	27.31 27.32		1461.1							
	STD	00100	02.85	34.26	27.33	00.111								
	OBS STD	00121	02.64	34.295	27.33 27.36		1462.6							
	OBS	00127	02.90	34.32 34.340	27.37 27.38	00-130	1463.3							
	STD	00144	03.49 03.51	34.430 34.43	27.41 27.41	00.147	1466.3							
	08S 08S	00150	03.51	34.435 34.510	27.41 27.48		1466.5							
	CBS	00196	03.71 03.86	34.63U 34.64	27.54 27.53	00.179	1468.4							
	OBS OBS	00201	03.92 03.81	34.640 34.650	27.53 27.55	008117	1469.4							
	OBS OBS	00232	03.61	34.645	27.57		1469.3							
	STD	00250	03.78 03.85	34.740 34.77	27.62 27.64	00.206	1469.5 1470.0							
	OBS	00251 00274	03.85 03.76	34.77¢ 34.787	27.66 27.66		1470.1 1470.1							
	OBS OBS	00285 00298	03.89 03.94	34.845	27.70 27.68		1470.9 1471.3							
					****	*******	14							
REFID 31 8371 CONSEC 0036 LAT 47 01.0N LONG 046 33.2W	MONT	1974 H 06 15 21.0	BOTDP 00371 SHIP EV DATA USE 1 AREA 05	AIR T WET B BAROM CLGUD	ULB 07.0 ETR 1031.2	DIR H 00 SEA CL/TR	GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	10	TRACE		00.1	5 5	SQ 1306 SQUARE 4 SQUARE 66 SQUARE 76
CONSEC 0036 LAT 47 01.0N	MONT DAY HOUR	H 06 15	SHIP EV DATA USE 1	WET B BAROM	ULB 07.0 ETR 1031.2	OO SEA		WIND-SPD WIND-FOR	10 X4	TRACE	DIR ION	00.1	5 5	QUARE 4
CONSEC 0036 LAT 47 01.0N LONG 046 33.2W	MONT DAY HOUR	H 06 15 21.0 DEPTH	SHIP EV DATA USE 1 AREA 05	WET B BAROM CLGUD SAL 33.26	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29	OO SEA CL/TR DYNDPTH	0 X SND VEL 1469.8	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONTI DAY HOUR LVLTYP STD	DEPTH 00000 00001 00003	SHIP EV DATA USE 1 AREA 05 TEMP 05.26 05.26 05.20	WET B BAROM CLGUD SAL 33-26 33-260 33-260	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.29 26.30	OO SEA CL/TR DYNOPTH	SND VEL 1469.8 1469.8 1469.6	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONTI DAY HOUR LVLTYP STD OBS OBS OBS STD	H 06 15 21.0 DEPTH 00000 00001 00003 00007 00010	SHIP EV DATA USE 1 AREA 05 TEMP 05-26 05-26 05-26 05-20 04-51 04-35	WET B BAROM CLGUD SAL 33.26 33.26 33.26 33.22 33.25	ULB 07.0 ETR 1031-2 T/A SIGMA-T 26.29 26.29 26.30 26.34 26.38	OO SEA CL/TR DYNOPTH	SND VEL 1469.8 1469.6 1466.7 1466.1	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONTO DAY HOUR LVLTYP STD OBS OBS OBS STD OBS STD	H 06 15 21.0 DEPTH 00000 00001 00003 00007 00010 00011 00020	TEMP 05-26 05-26 05-26 05-26 05-26 04-51 04-35 04-25	WET B BAROM CLGUD SAL 33.26 33.26 33.26 33.25 33.25 33.26 33.26 33.26	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.29 26.30 26.34 26.38 26.40 26.40	OO SEA CL/TR	SND VEL 1469.8 1469.8 1469.6 1466.7 1465.9 1465.9	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR STD OBS OBS STD OBS STD OBS STD	H 06 15 21.0 DEPTH 00000 00001 00003 00007 00010 00011 00020 00020 00030	TEMP 05.26 05.26 05.26 05.26 05.26 05.26 04.51 04.35 04.28 04.25 04.21	WET B BAROM CLGUD SAL 33.26 33.25 33.25 33.25 33.25 33.26 33.26 33.26 33.26 33.26 33.26 33.26	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.29 26.30 26.34 26.34 26.40 26.40 26.40 26.40	OO SEA CL/TR DYNDPTH OC.000	SND VEL 1469.8 1469.6 1466.7 1466.1 1465.9 1465.9	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR STD OBS OBS STD OBS STD OBS STD OBS STD OBS OBS	H 06 15 21.0 DEPTH 00000 00001 00003 00007 00010 00020 00030 00030 00034	TEMP 05.26 05.26 05.26 05.26 04.51 04.35 04.28 04.28 04.25 04.21 04.15 03.48	SAL 33.26 33.260 33.25 33.25 33.266 33.25 33.266 33.260 33.25 33.260 33.260 33.260 33.260 33.260 33.260 33.260 33.260 33.260 33.260 33.260	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.29 26.30 26.34 26.38 26.40 26.40 26.40 26.49 26.49	00 SEA CL/TR DYNDPTH 00.000 00.017 00.033 00.049	SND VEL 1469.8 1469.8 1469.6 1466.7 1465.9 1465.9 1465.9 1465.0 1465.8	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR LYLTYP STD OBS OBS STD OBS OBS OBS OBS	DEPTH 00000 00001 00001 00001 00001 00010 00010 00010 00010 00020 00030 00030 00034 00055	TEMP 05.26 05.26 05.26 05.26 04.51 04.35 04.28 04.25 04.24 04.21 04.15 03.48 02.21	WET B BAROM CLGUD SAL 33.26 33.260 33.260 33.222 33.25 33.266 33.266 33.266 33.35 33.35	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.30 26.34 26.38 26.40 26.40 26.40 26.40 26.40 26.40 26.40 26.59	00 SEA CL/TR DYNDPTH 00.000	SND VEL 1469.8 1469.8 1469.6 1466.7 1466.7 1465.9 1465.9 1465.9 1465.8 1463.1 1458.3	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR LYLTYP SID OBS OBS SID OBS SID OBS SID OBS SID OBS SID OBS OBS OBS OBS OBS OBS OBS OBS	DEPTH 00000 00001 00001 00011 00010 00011 00020 00030 00030 00030 000351 00062	TEMP 05.26 05.26 05.26 05.26 05.26 04.51 04.35 04.28 04.25 04.25 04.21 04.15 03.48 02.21 02.15	WET B BAROM CLGUD SAL 33.260 33.260 33.222 33.25 33.266 33.266 33.264 33.364 33.364 33.364 33.377	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.29 26.30 26.34 26.36 26.40 26.40 26.40 26.49 26.59 26.99 27.02	00 SEA CL/TR DYNDPTH 00.000 00.017 00.033 00.049	SND VEL 1469.8 1469.8 1469.6 1466.7 1466.1 1465.9 1465.9 1465.9 1465.8 1458.3 1458.3 1458.3	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR STD OBS OBS STD	DEPTH 00000 00001 00007 00010 00001 00002 00020 00020 00030 00030 00030 00030 00050 00050	TEMP 05.26 05.26 05.26 05.26 05.26 04.51 04.35 04.28 04.28 04.21 04.15 03.48 02.21 02.01	MET B BAROM CLGUD SAL 33.260 33.260 33.263 33.263 33.263 33.263 33.35 33.37 33.37 33.3803 33.77 33.803 33.403 33.77 34.085	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.29 26.30 26.34 26.38 26.40 26.40 26.40 26.49 26.59 26.99 27.02 27.22 27.22	00 SEA CL/TR DYNOPTH 00.000 00.017 00.033 00.049	SNO VEL 1469.8 1469.8 1469.6 1466.7 1466.1 1465.9 1465.9 1465.9 1465.8 1458.3 1458.1 1458.3 1458.1 1458.4	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR STD OBS OBS STD OBS OBS OBS OBS OBS	DEPTH 00000 00001 00001 00001 00001 00001 00001 00001 00000 00001 00000 00000 00000 00000 00000 00000 0000	TEMP 05.26 05.26 05.26 05.26 05.26 04.51 04.35 04.28 04.25 04.24 04.21 04.15 03.48 02.21 02.01 02.01	MET B BAROM CLGUD SAL 33.260 33.260 33.260 33.225 33.263 33.263 33.263 33.35 33.360 33.403 33.403 33.403 33.403 34.037 34.037 34.055	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.30 26.34 26.38 26.40 26.40 26.40 26.40 26.49 27.22 27.22 27.22 27.22 27.22 27.22	00 SEA CL/TR DYNDPTH 00.000 00.017 00.033 00.049	SND VEL 1469.8 1469.8 1469.6 1466.7 1465.9 1465.9 1465.9 1465.8 1463.1 1458.3 1458.1 1458.1 1458.5	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR STD OBS OBS STD OBS STD OBS STD OBS STD	BEPTH 00000 00001 00001 00001 00011 00020 00030 00030 00034 000551 00062 00074 00075 00076 00076	TEMP 05.26 05.26 05.26 05.26 05.26 04.51 04.35 04.28 04.25 04.21 04.15 03.48 02.21 02.15 02.01 02.21 02.05 02.05	SAL 33.26 33.260 33.260 33.25 33.26 33.26 33.25 33.26 33.25 33.26 33.25 33.26 33.36 33.403 33.403 34.03 34.003 34.003 34.003 34.004 34.26 34.26 34.26 34.26 34.26 34.26 34.26 34.26 34.26 34.26 34.26 34.26 34.26 34.26 34.26	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.30 26.34 26.38 26.40 26.40 26.40 26.49 26.59 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.23 27.23 27.24 27.25	00 SEA CL/TR DYNOPTH 00.000 00.017 00.033 00.049	SND VEL 1469.8 1469.8 1469.6 1466.7 1465.9 1465.9 1465.9 1465.8 1463.1 1458.3 1458.1 1458.4 1458.4 1458.4	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR LYLTYP STD OBS OBS STD OBS STD OBS OBS STD OBS OBS STD OBS OBS STD OBS STD OBS STD OBS OBS STD OBS OBS STD OBS OBS OBS OBS STD OBS	BEPTH 00000 00001 00001 00001 00011 00020 00030 00030 00030 00034 00062 00076 00077 00076 00076 00076 00076 00076 00076	TEMP 05.26 05.26 05.26 05.26 05.20 04.35 04.28 04.25 04.25 04.21 04.15 03.48 02.21 02.15 02.01 02.01 02.01 02.01 02.05 02.05 02.06 02.43 02.79 02.45	MET B BAROM CLGUD SAL 33.26 33.260 33.260 33.25 33.26 33.26 33.26 33.26 33.26 33.27 33.26 33.27 33.26 33.40 33.40 33.40 33.40 33.40 33.40 33.40 33.40 34.03 34.03 34.03 34.03	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.30 26.34 26.38 26.40 26.40 26.40 26.49 26.59 26.59 27.02 27.22 27.22 27.22 27.22 27.23 27.25 27.37 27.38	00 SEA CL/TR DYNDPTH 00.000 00.017 00.033 00.049 00.076 0C.100 00.119	SND VEL 1469.8 1469.8 1469.6 1466.7 1465.9 1465.9 1465.9 1465.8 1463.1 1458.3 1458.1 1458.4 1458.4 1458.4 1458.4	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR LVLTYP STD OBS OBS STD OBS STD OBS OBS STD OBS OBS STD OBS OBS STD OBS	BEPTH 00000 00001 00001 00001 00010 00010 00020 00020 00030 00030 00034 00051 000651 000651 000651 000651 00076 00077 00100 00110 001125	TEMP 05-26 05-26 05-26 05-26 05-26 04-35 04-35 04-28 04-25 04-21 04-15 03-48 02-21 02-15 02-01 02-21 02-15 02-05 02-05 02-05 02-05 02-05 02-43 02-73 02-79 02-62 02-62	WET B BAROW CLGUD SAL 33.260 33.260 33.222 33.260 33.263 33.263 33.264 33.264 33.264 33.403 34.034 34.064 34.264 34.264 34.264 34.264 34.264 34.264 34.264 34.264 34.264 34.264 34.28	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.29 26.30 26.34 26.38 26.40 26.40 26.40 26.49 26.59 26.99 27.02 27.22 27.23 27.23 27.24 27.25 27.37 27.37 27.38	00 SEA CL/TR DYNDPTH 00.000 00.017 00.033 00.049 00.076	SNO VEL 1469.8 1469.8 1469.6 1466.7 1466.1 1465.9 1465.9 1465.9 1465.9 1465.8 1458.1 1458.1 1458.1 1458.1 1458.1 1458.1 1458.1 1458.1 1458.1 1458.1	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR LVLTYP STD OBS OBS STD	BEPTH 00000 00001 00001 00001 00001 00010 00010 00000 00000 00000 00000 00000 00000 0000	TEMP 05-26 05-26 05-26 05-26 05-26 04-35 04-35 04-28 04-25 04-21 04-15 03-48 02-21 02-15 02-01 02-21 02-15 02-05 02-43 02-73 02-79 02-45 02-62 02-62 02-62 02-62	WET B BAROUD SAL	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.30 26.34 26.38 26.40 26.40 26.40 26.40 26.49 26.59 27.22 27.22 27.22 27.22 27.22 27.23 27.25 27.37 27.37 27.38 27.36 27.37 27.37 27.37	00 SEA CL/TR DYNDPTH 00.000 00.017 00.033 00.049 00.076	SNO VEL 1469.8 1469.8 1469.6 1466.7 1465.9 1465.9 1465.9 1465.8 1463.1 1458.3 1458.1 1458.0 1458.1 1458.6 1458.1 1458.6 1463.1 1458.6 1463.1 1458.6 1463.1 1458.6 1463.1 1458.6 1463.1 1458.6 1463.1 1458.6 1463.1 1458.6 1463.1 1458.6 1463.1 1458.6 1463.1 1458.6 1463.1 1458.6 1463.1 1458.6 1463.1 1458.6 1463.1 1458.6 1463.1 1458.6 1463.1 1462.1 1462.1	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR LVLTYP STD OBS OBS STD OBS STD OBS OBS STD OBS	BEPTH 00000 00001 00001 00001 00001 00001 00001 00001 00001 00000 00000 00000 00000 00000 00000 0000	TEMP 05.26 05.26 05.26 05.26 05.26 04.51 04.35 04.28 04.25 04.21 04.15 03.48 02.21 02.15 02.01 02.21 02.05 02.06 02.43 02.73 02.73 02.73 02.73 02.73 02.73 02.62 02.62 02.62	MET B BAROM CLGUD SAL 33.26 33.260 33.260 33.256 33.266 33.263 33.460 33.403 33.403 33.403 34.037 34.003 34.003 34.003 34.003 34.003 34.003 34.003 34.003 34.003 34.003 34.003 34.003 34.003 34.003 34.003	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.30 26.34 26.38 26.40 26.40 26.40 26.40 26.40 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.23 27.24 27.25 27.37 27.36 27.37 27.37 27.38 27.44 27.45	00 SEA CL/TR DYNDPTH 00.000 00.017 00.033 00.049 00.076 0C.100 00.119	SND VEL 1469 .8 1469 .8 1469 .6 1466 .7 1465 .9 1465 .9 1465 .9 1465 .8 1463 .1 1458 .3 1458 .1 1458 .6 1458 .6 1458 .6 1458 .6 1458 .6 1458 .6 1458 .6 1458 .6 1458 .6 1458 .6 1458 .6 1458 .6 1458 .6 1458 .6 1458 .6 1458 .6 1458 .6 1462 .6 1462 .6 1462 .6 1462 .8 1464 .3	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR LYLTYP STD OBS OBS STD O	BEPTH 00000 00001 00001 00001 00011 00020 00030 00030 00030 00030 000351 00062 00076 00076 00076 00076 00110 00125 001125 001120 001150	TEMP 05.26 05.26 05.26 05.26 05.20 04.35 04.28 04.28 04.25 04.21 04.15 03.48 02.21 02.15 02.01 02.21 02.05 02.06 02.43 02.79 02.62 02.69 02.69 02.69 02.69 03.01	MET B BAROW CLGUD SAL 33.26 33.260 33.260 33.253 33.263 33.263 33.263 33.260 33.260 33.273 34.080 33.403 33.403 34.073 34.080 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.30 26.34 26.38 26.40 26.40 26.40 26.40 26.49 26.59 27.02 27.22 27.22 27.22 27.22 27.22 27.22 27.23 27.24 27.25 27.37 27.36 27.37 27.44 27.45 27.45 27.45	00 SEA CL/TR DYNDPTH 00.000 00.017 00.033 00.049 00.076	SND VEL 1469 .8 1469 .8 1469 .6 1466 .7 1465 .9 1465 .9 1465 .9 1465 .8 1463 .1 1458 .0 1458 .1 1458 .0 1458 .1 1458 .0 1458 .1 1458 .0 1458 .1 1458 .0 1458 .1 1458 .0 1458 .1 1458 .0 1462 .0 1462 .1 1462 .0 1462 .1 1464 .0 1464 .0 1464 .0 1464 .0 1464 .0 1464 .0 1465 .8	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR LYLTYP STD OBS OBS STD OBS STD OBS OBS STD	BEPTH 00000 00001 00001 00001 00002 00020 00020 00030	TEMP 05-26 05-26 05-26 05-26 05-26 05-26 04-35 04-35 04-28 04-25 04-21 04-15 03-48 02-21 02-15 02-01 02-21 02-15 02-01 02-21 02-15 02-01 02-21 02-05 02-62 02-63 02-73 02-79 02-62 02-65 03-10 03-12 03-12 03-38	WET B BAROW CLGUD SAL 33.26 33.260 33.260 33.225 33.266 33.263 33.263 33.263 33.403 33.403 33.403 33.403 33.403 33.403 33.403 34.034 34.064 34.260 34.30 34.30 34.31 34.260 34.30 34.30 34.30 34.30 34.430 34.430 34.430 34.430 34.430 34.460 34.601	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.30 26.34 26.38 26.40 26.40 26.40 26.49 26.59 27.22 27.22 27.22 27.22 27.22 27.23 27.23 27.37	00 SEA CLITR DYNDPTH 00.000 00.017 00.033 00.049 00.076 00.119 00.137 00.155	SND VEL 1469 .8 1469 .8 1469 .6 1466 .7 1465 .9 1465 .9 1465 .9 1465 .8 1463 .1 1458 .3 1458 .1 1458 .0 1458 .6 1458 .6 1458 .1 1458 .6 1458 .6 1458 .6 1462 .1 1462 .1 1462 .8 1464 .2 1464 .2 1465 .9 1465 .8 1465 .8 1465 .8 1465 .8 1465 .8	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR LVLTYP STD OBS OBS STD OBS STD OBS STD OBS OBS OBS STD O	BEPTH 00000 00001 00001 00001 00001 00010 00010 00010 00005 00005 00005 00005 00005 00005 00005 00010 00110 00110 00110 00110 00125 00150	TEMP 05-26 05-26 05-26 05-26 05-26 05-26 04-35 04-35 04-28 04-21 04-15 03-48 02-21 02-15 02-01 02-21 02-04 02-05 02-03 02-79 02-45 02-62 02-62 02-62 02-62 02-62 02-62 02-62 03-12 03-38 04-42	WET B BAROUD SAL	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.30 26.36 26.36 26.40 26.40 26.40 26.49 26.59 27.02 27.22 27.22 27.22 27.22 27.22 27.22 27.23 27.24 27.25 27.37	00 SEA CLITR DYNDPTH 00.000 00.017 00.033 00.049 00.076 00.110 00.119 00.137	SND VEL 1469.8 1469.8 1469.6 1466.1 1465.9 1465.9 1466.0 1465.8 1463.1 1458.3 1458.1 1458.0 1459.1 1458.4 1458.4 1458.5 1460.7 1462.0 1462.1 1462.0 1462.1 1462.0 1462.0 1462.1 1464.3 1464.4 1472.9	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR LVLTYP STD OBS OBS STD OBS	BEPTH 00000 00001 00001 00001 00001 00010 00010 00010 00010 00020 00020 00030 00034 00070 000051 000651 000651 000651 000651 000651 000651 00070 00100 00110 00110 00110 00110 00125 00125 00125 00125 00125 00125 00125 00125 00125 00125 00125 00125 00125 00125 00125 00125 00125	TEMP 05-26 05-26 05-26 05-26 05-26 05-26 04-35 04-35 04-25 04-21 04-15 03-48 02-21 02-15 02-01 02-21 02-04 02-05 02-06 02-07 02-07 02-62 02-62 02-62 02-62 02-62 02-62 03-12 03-12 03-18 04-48 04-48	WET B BAROUD SAL	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.30 26.34 26.38 26.40 26.40 26.40 26.40 26.49 26.59 27.22 27.22 27.22 27.22 27.22 27.22 27.23 27.24 27.25 27.37 27.38	00 SEA CLITR DYNDPTH 00.000 00.017 00.033 00.049 00.076 00.119 00.119 00.137 00.184	SND VEL 1469.8 1469.8 1469.6 1466.1 1465.9 1465.9 1465.9 1466.0 1465.8 1463.1 1458.3 1458.1 1458.0 1459.1 1458.4 1458.4 1458.5 1460.7 1462.0 1462.1 1462.0 1462.0 1462.1 1462.0 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.0 1462.0	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR LYLTYP STD OBS OBS STD OBS	BEPTH 00000 00001 00001 00001 00001 00011 00020 00030 00030 00034 00051 00062 00076 00076 00076 00076 00076 00100 001100 001150 00162 00150 00177 00200 00150 00177 00200 00224 00257 00256 00276 00300	TEMP 05.26 05.26 05.26 05.26 05.26 04.51 04.35 04.28 04.25 04.21 04.15 03.48 02.21 02.15 02.01 02.21 02.05 02.06 02.05 02.06 02.45 02.73 02.79 02.45 02.62 02.65 03.02 02.85 03.02 03.02 03.02 03.02 03.02 03.02 03.02 03.02 03.02 03.02 03.02 03.02 03.02 03.02 03.02 03.02 03.02 03.02 03.03	SAL 33.26 33.260 33.260 33.263 33.26 33.26 33.25 33.26 33.26 33.25 33.26	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.30 26.34 26.38 26.40 26.40 26.40 26.40 26.40 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.22 27.25 27.25 27.37 27.36 27.37 27.44 27.45 27.55 27.57 27.59 27.59 27.59 27.59 27.59 27.58	00 SEA CLITR DYNDPTH 00.000 00.017 00.033 00.049 00.076 00.119 00.137 00.155	SND VEL 1469 .8 1469 .8 1469 .6 1466 .7 1465 .9 1465 .9 1465 .9 1465 .8 1463 .1 1458 .1 1458 .1 1458 .0 1458 .1 1458 .1 1458 .1 1458 .6 1462 .1 1458 .6 1462 .1 1462 .1 1462 .8 1464 .2 1465 .9 1467 .9 1472 .9 1472 .9 1473 .0 1473 .0	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76
CONSEC 0036 LAT 47 01.0N LONG 046 33.2M CASTNUM/TIME	MONT DAY HOUR LYLTYP STD OBS OBS STD	BEPTH 00000 00001 00001 00001 00002 00003 00007 00010 00010 00011 00020 00030 00034 00036 00077 00100 00110 00125 00142 00150 00150 00150 00150 00150 00150 00150 00150 001258 002258 002258	TEMP 05-26 05-26 05-26 05-26 05-26 05-26 04-35 04-35 04-28 04-25 04-21 04-15 03-48 02-21 02-15 02-01 02-21 02-15 02-01 02-21 02-15 02-01 02-21 02-62 02-63 02-73 02-73 02-79 02-62 02-62 02-62 02-62 02-62 02-62 02-62 02-62 02-62 02-62 02-62 02-62 02-63 02-73 02-79 02-62 02-62 02-62 02-62 02-62 02-62 02-63 02-73 02-79 02-62 02-62 02-62 02-62 02-62 02-62 02-62 02-63 03-12 03-12 03-12 03-38 04-48 04-48 04-48 04-39 04-39	MET B BAROM CLGUD SAL 33.26 33.260 33.225 33.260 33.225 33.266 33.260 33.403 33.403 33.403 33.403 33.403 34.030 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30 34.30	ULB 07.0 ETR 1031.2 T/A SIGMA-T 26.29 26.30 26.34 26.38 26.40 26.40 26.40 26.40 26.40 26.40 27.22 27.22 27.22 27.22 27.22 27.22 27.23 27.24 27.25 27.37 27.37 27.37 27.37 27.37 27.37 27.37 27.37 27.37 27.37 27.37 27.37 27.37 27.37 27.37 27.37 27.37 27.38 27.62 27.62 27.62 27.62 27.62 27.62 27.62 27.62 27.62	00 SEA CLITR DYNDPTH 00.000 00.017 00.033 00.049 00.076 00.119 00.119 00.137 00.184	SND VEL 1469.8 1469.8 1469.6 1466.1 1465.9 1465.9 1465.9 1466.0 1465.8 1463.1 1458.3 1458.1 1458.0 1459.1 1458.4 1458.4 1458.5 1460.7 1462.0 1462.1 1462.0 1462.0 1462.1 1462.0 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.1 1462.0 1462.0 1462.0	WIND-SPD WIND-FOR WEATHER	10 X4	TRACE DURAT ORIG	DIR ION 011 637	00.1	5 5 5 1 5	QUARE 4 QUARE 66 QUARE 76

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSEC LAT -LONG O	31 8371 0037 47 00.8N 046 41.8W	MONT	1974 H 06 15 21.8	BOTDP 01097 SHIP EV DATA USE I AREA 05	AIR T WET B Baron Cluud	ULB 06.8 ETR 1031-0	DIR H OO SEA CL/TR	ST PER	WIND-DIR WIND-SPD WIND-FOR WEATHER		TRACE DURAT		ORDER D 00.3	5	N SQ 130 SQUARE SQUARE 6 SQUARE 7
CAST	NUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TCT P	NO2	NG3	\$103	PH
		STD	00000	04-15	33.17	26.34	00.000	1465.0 1465.1							
	21.8	OBS	00003	04.15	33.175 33.25	26.34 26.44	00.016	1464.1							
		STD OBS	00010	03.86	33.276	26.45	001010	1464.0							
		STO	00020	04.00	33.35	26.50	00.032	1465.0							
		DBS	00020	04.01	33.354	26.50		1465 - 0							
		STD	00030	04.00	33.34	26.49	00.048	1465-1							
		085	00030	03.94	33.344	26.50 26.57		1459.8							
		OB\$	00036	02.74 02.61	33.385	26.65		1459.3							
		OBS	00041	01-77	33.320	26.67		1455.6							
		STD	00050	00.68	33.54	26.91	00.075	1451.2							
		OBS	00051	00.52	33.575	26.95 27.04		1450.5 1448.8							
		085	00055	00.11	33.660	27.17		1450.0							
		08S 08S	00064	00.84	33.860	27.16		1452.6							
		OBS	84000	00.87	33.910	27.20		1452.9							
		085	00070	01-12	33.967	27.23		1454.1 1453.8							
		085	00072	01-05	33.990 34.02	27.25 27.25	00.099	1455.4							
		STD	00075	01.38 01.45	34.040	27.27	000077	1455.8							
		085	00078	01.50	34.090	27.30		1456.1							
		085	00079	01.76	34.107	27.30		1457.3							
		STD	00100	02.32	34.21	27.34	00.119	1460.2							
		OBS	00102	02.40	34.230 34.17u	27.35 27.38		1455.8							
		OBS OBS	00108 00112	02.67	34.340	27.41		1462.1							
		OBS	00118	02.93	34.384	27.42		1463.4							
		STD	00125	03.03	34.41	27.44	00.137	1464.0							
		OBS	00125	03.04	34.415	27.44		1464.1							
		OBS OBS	00131 00137	03.11	34.330	27.45		1460.0							
		STD	00150	02.14	34.43	27.53	00.152	1460.6							
		OBS	00150	02.14	34.437	27.53		1460.6							
		085	00175		34.460	27.57	00 100	1460.0							
		STD	00200		34.49 34.492	27.59 27.59	00.100	1460.5							
		OBS OBS	00226		34.590	27.64		1462.5							
		OBS	00245		34.620	27.64		1464.1							
		OBS	00249	02.82	34.660	27.65		1465.5							
		STD	00250		34.67	27.65	00.204	1465.6							
		OBS	00253		34.692 34.717	27.67 27.66		1467.5							
		OBS	00276 00300	03.33	34.75	27.67	00-227								
		OBS	00300		34.750	27.68		1468.7							
		OBS	00350		34.830	27.70	00 271	1471.2							
		STD	00400		34.89 34.890	27.72 27.72	00.271	1473.4							
		OBS OBS	00401 00451		34.900	27.72		1474.5							
		STD	00500		34.91	27.74	00.312	1474.7							
		OBS	00502	03.92	34.910	27.74		1474.7							
		OBS	00550		34.910	27.75	00.353	1475.3							
		STD	00600		34.91 34.910	27.75 27.75	00.555	1475.9							
		OBS OBS	00651		34.910	27.76		1476.7							
		STD	00700	03.79	34.91	27.76	00.395	1477.4							
		OBS	00700		34.910	27.76		1477.4							
		OBS	00750		34.910 34.91	27.76 27.77	00.436								
		STD OBS	00800		34.910	27.77	000450	1478.8							
		085	00850	03.67	34.910	27.77		1479.4							
		STD	00900	03.63	34.91	27.77	00.477	1480 -1							
		085	00900		34.910	27.77		1480.1							
		OBS	00951		34.910	27.78									
		STD				21018	00.519	1401.4							
		STD OBS	01000		34.91 34.910	27.78 27.78	00.519	1481.7 1481.7							

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

			1.	ABLE I. C	GC EV	ERGREE	in, Apri	ılJune	1974-(0	onti	inved)				
REFID 3 CONSEC LAT 4 LONG 04	0030 7 00.81 7 06.00	MON N DAY	R 1974 TH 06 16 R 00-1	BOTOP 0109 SHIP EV DATA USE AREA 0	WET 1 BANG	TEMP 00.8 BULB 06.8 DMETR 1033.1 JD T/A	3 00	HGT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	98	TR AC	STD REC E DIR TION Oll 639	00.4	5 2	EN SQ 1306 SQUARE 4 SQUARE 66 SQUARE 77
CASTNU	M/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPIH	SAC VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
	00.1	STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	000000 00011 00013 00020 00030 00030 00030 00030 00030 00050 00150	03.45 02.86 02.83 02.15 02.13 02.03 02.13 02.02 01.90 00.02 01.90 00.11 00.56 00.57 00.56 00.57 00.56 00.57 00.56 00.71 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.56 00.77 00.67	33.017 32.96 32.977 35.11 33.130 35.28 33.130 33.290 33.350 33.351 33.351 33.371 33.71 33.71 33.71 33.71 33.71 33.71 33.71 33.71 33.71 33.71 33.71 33.71 33.71 33.71 33.71 33.71 33.71 33.71 33.94 33.91 33.94 34.91	26.29 26.30 26.35 26.47 26.49 26.62 26.68 26.80 26.90 26.35 27.12 27.11 27.12 27.27 27.35 27.42 27.42 27.42 27.42 27.42 27.42 27.42 27.42 27.42 27.42 27.42 27.42 27.42 27.42 27.42 27.53 27.63 27.67 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77	00.000 00.017 00.034 00.049 00.075 00.101 00.123 00.160 00.160 00.218 00.241 00.284 00.326 00.367 00.409 00.450 00.450	1461.9 1459.4 1458.4 1457.0 1456.5 1456.5 1456.5 1456.2 1446.4 1445.4 1445.7 1445.8 1450.0 1452.6 1452.7 1455.1 1455.1 1455.1 1455.1 1455.7 1459.5 1459.5 1459.7 1465.7 1465.7 1465.7 1465.7 1465.7 1465.7 1465.7 1465.7 1465.7 1465.7 1465.7 1465.7 1465.7 1467.2 1467.2 1477.0 1477.0 1477.0 1477.0 1477.0 1477.0 1477.0 1478.0 1478.0 1479.0	OXY G	PO4	TOT P	NO2	NO3	\$103	PH
REFID 31 CONSEC LAT 46 LONG 047	8371 0039 59.2N 20.0W	MONT DAY	1974 H 06 16 01.8	BOTOP 00376 SHIP EV DATA USE I AREA 05	AIR T WET E BAKON CLUUD	EMP 05.2 SULB 05.2 SETR 1029.1	DIR HO 00 (SEA CL/TR	T PER	WIND-DIR WIND-SPD WIND-FOR WEATHER	05	TRACE DURAT	STD RECO DIR ION 011 640	RDER D 00.2	5 \$ 2 \$	SQ 1306 QUARE 4 QUARE 66 QUARE 67
CASTNUM	VTIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DXY G	204	TOT P	NO2 1	NO3 5	103	PH
	01.8	STD OBS	00000	02.47	32.81	26.21	00.000	1457.3	•			1702	3	,,,,,	rn
49	01.8	OBS (OBS STD OBS OBS OBS OBS OBS OBS	00000 00001 00010 00011 00010 00011 00020 00020 00020 00030 00038 00041 00051 00051 00053 00064 00075 00100 00105 00125 00125 00125 00150 00170 00206 00206 00206 00251 00276 00300 00367	01.45 00.28 00.19 - 0.88 - 0.58 - 0.54 - 0.87 - 1.02 - 1.26 - 1.54 - 1.44 - 1.42 - 0.87 - 0.87 - 0.82 - 0.02 - 0.01 00.26 00.41 00.57 00.58 00.81 01.20 01.23 01.77 01.92 01.93	32.810 32.840 32.850 32.884 32.850 33.020 33.020 33.130 33.274 33.27 33.	26.21 26.25 26.25 26.27 26.43 26.44 26.45 26.45 26.46 26.77 26.77 26.77 26.77 26.89 26.89 26.89 27.09 27.25 27.25 27.25 27.28 27.28 27.28 27.33 27.33 27.33 27.33 27.33 27.46 27.64 27.56 27.66	00.018 00.035 00.051 00.080 00.109 00.136 00.158 00.179 00.217	1457-3 1457-4 1455-9 1455-7 1455-7 1453-9 1453-9 1446-2 1444-9 1445-2 1443-2 1443-7 1441-0 1441-0 1441-0 1441-1 1445-2 1449-7 1441-8 1445-2 1449-7 1449-8 1451-5 1453-9 1453-9 1453-9 1453-9 1453-9 1453-9 1453-9 1453-9 1465-1							
48						2.000		1466.9							

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID 31 8371 CONSEC 0040 LAT 46 58.5N LONG 047 31.0W	YEAR MONTH DAY HOUR		BOTDP 00212 SHIP EV DATA USE I AREA 05	AIR T WEI 8 BARCM CLCUD	ULB 05.8 ETR 1027.4	DIR HO OO SEA CL/TR	ST PER	WIND-DIR WIND-SPD WIND-FOR WEATHER	14	TRACE		00.1	5 SQL 2 SQL	Q 1306 IARE 4 IARE 66 IARE 67
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P04	TOT P	NO2	NG3	\$103	ч
	STD	00000	02.85	32.65	26.05	00.000	1458.8							
03.0	OBS	00001	02.85	32.650	26.05		1458.8							
03.0	085	00005	02.85	32.650	26.05		1458.9							
	STD	00010	02.04	32.57	26.05	00.020	1455.3							
	OBS	00011	01.85	32.560	26.05		1454-4							
	STD	00020	01.64	32.63	26.12	OC. 039	1453.7							
	OBS	20022	01.58	32.640	26.14		1453.5							
	STD	00030	01.49	32.64	26.14	00.058	1453.3							
	OBS	00030	01.44	32.645	26.15		1453.1							
	OBS	00032	01.19	32.663	26.18		1452.0							
	OBS	00036	00.57	32.700	26.25		1449.3							
	085	00050	- 1.01	33.000	26.56		1442.5							
	OBS	00041	- 1.39	33.055	26.61		1440.8							
	STD	00050	- 1.63	33.23	26.76	00.090	1440.0							
	085	00051	- 1.66	33.245	26.77		1440.0							
		00064	- 1.73	33.286	26.80		1439.9							
	OBS STD	00075	- 1.69	33.32	26.83	00.121	1440.3							
	085	00078	- 1.68	33.327	26.84		1440 -4							
	STD	00100	- 1.57	33.41	26.50	00.151	1441-4							
	OBS	00100	- 1.56	33.415	26.91		1441.5							
	STD	00125	- 1.21	33.52	26.98	00.179	1443.7							
	OBS	00125	- 1.20	33.525	26.99		1443.7							
	STD	00123	- 0.51	33.74	27.13	00.204	1447.7							
		00150	- 0.50	33.740	27.13		1447.7							
	085	00177	00.11	33.863	27.22		1451-2							
	085	00200	00.12	33.88	27.22	00.249	1451.6							
	STD	00201	00.12	33.880	27.22		1451.6							
	OBS OBS	00201	00.12	33.885	27.22		1451.7							
	002	00205	00.12	22003										
					****		a de							

REFID 31 8371 CONSEC 0041 LAT 47 00.5N LONG 047 53.3W	MONT DAY	1974 H 06 16 04-7	BOTOP 00160 SHIP EV DATA USE I AREA 05		BULB 05.8 METR 1024.5		GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	14	TRACE DURAT		00-1	5 2	SQUARE SQUARE SQUARE SQUARE	66
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNC VEL	OXY G	P0 4	TOT P	NO2	N03	\$103	РН	
	STD	00000	22.85	32.76	26.13	00.000	1458.5								
04.7	OBS	00000	02.85	32.760	26.13		1458.9								
	085	00009	02.61	32.750	26.13		1458.9								
	STD	00010	02.71	32.74	26.13	00.019	1458.5								
	OBS	00013	02.22	32.710	26.15		1456.3								
	STD	00020	02.11	32.78	26.21	00.037	1456.0								
	085	00020	02.69	32.790	26.22		1456.0								
	OBS	00022	02.13	32.810	26.23		1456.2								
	085	00024	02.36	32.845	26.24		1457.3								
	STD	00030	02-23	32.85	26.26	00.055	1456.8								
	CBS	00030	02.22	32.850	26.26		1456.8								
	085	00034	02-13	32.850	26.26		1456.5								
	085	00036	00.98	32.794	20.30		1451 - 3								
	OBS	00040	00.50	32.907	26.42		1449.3								
	STD	00050	00.06	32.96	26.48	00.089	1447-6								
	OBS	00051	₹ 0.04	32.976	20.49		1447-1								
	OBS	00053	- 0.19	32.947	26.48		1446.4								
	085	00074	- 1.66	33.222	26.76		1440.3								
	STD	30075	- 1.65	33.23	26.76	00.124	1440.4								
	OBS	00076	- 1.63	33.246	26.77		1440.5								
	STD	00100	- 1.59	33.28	26.79	00.156	1441.1								
	OBS	00100	- 1.58	33.280	26.80		1441.2								
	STD	00125	- 1.03	33.50	26.96	00.186									
	OB\$	00125	- 1.02	33.50v	26 - 96		1444.6								
	STD	00150	- C.72	33.57	27.00	00.213									
	OBS	20150	- 0.72	33.576	27.01		1446.5								
	OBS	00159	- 0.73	33.660	27.08		1446.7								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

	8371 0042 01.8N 07.0W	MONT	1974 H 06 16 06-2	BOTDP 00139 SHIP EV DATA USE 1	WET B	ULB 05.8 ETR 1024.5	00	IGT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	16	TRAC	STD REC E DIR Tion Oll 643	00.1	5	N SQ 1306 SQUARE 4 SQUARE 68 SQUARE 78
CASTNUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SAD VEL	OXY G	P04	TCT P	NO2	N03	\$103	PH
	06.2	STD OBS OBS STD OBS STD OBS OBS OBS OBS OBS OBS OBS STD OBS STD OBS STD OBS STD OBS	00000 00000 00007 00010 00020 00030 00032 00038 00040 00043 00045 00050 00050 00050 00075 00100 00100 00112 00114 00125 00125	03.67 03.67 03.66 02.93 02.60 02.43 02.41 02.15 02.15 01.97 01.75 01.20 00.42 - 0.68 - 1.63 - 1.65 - 1.51 - 1.43 - 0.90 - 0.88 - 0.88	32-88 32-880 32-885 32-885 32-875 32-875 32-873 32-889 32-880 32-880 32-880 32-827 32-813 32-96 33-007 33-217 33-35 33-360 33-510 33-510 33-515 33-510	26.16 26.16 26.16 26.20 26.22 26.26 26.29 26.30 26.29 26.31 26.31 26.31 26.31 26.31 26.31 26.31 26.31 26.31 26.31 26.31 26.31 26.55 26.85 26.86 26.86 26.86 26.86 26.96 26.97 26.97 26.97	00.000	1462.6 1462.5 1462.7 1459.5 1458.1 1457.6 1456.7 1456.6 1456.4 1456.9 1452.4 1454.9 1445.3 1444.2 1444.2 1444.4 1444.4 1444.4 1444.5				NO.		3103	en
						****	*******	•							
REFID 31 CONSEC LAT 47 0 LONG 048 2	0043 1.4N	YEAR MONTH DAY HOUR	06 16	BOTDP 00117 SHIP EV DATA USE I AREA 05	AIR TE WEI BL BARCME CL GUD	TR 1024.3		GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	16	TRACE	STO REC DIR ION Oll 644	ORDER D 00.1	5	N SQ 1306 SQUARE 4 SQUARE 68 SQUARE 78
CASTNUM/T	IME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
0	7.3	STD OBS OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS OBS STD OBS OBS OBS	00000 00000 000009 00010 00011 00020 00030 00032 00049 00050 00051 00075 00076 00100 00100	03.67 03.64 03.38 02.75 02.48 02.46 02.33 02.28 01.81 01.29 00.17 - 0.51 - 1.33 - 1.35 - 1.01 - 1.01	32.88 32.86 32.86 32.86 32.96 32.90 32.90 32.91 32.91 32.87 32.87 32.87 33.04 33.24 33.24 33.48 33.48	26.16 26.15 26.15 26.15 26.16 26.28 26.28 26.30 26.30 26.30 26.30 26.37 26.75 26.75 26.75	00.000 00.019 00.037 00.054 00.089 00.126	1462.6 1462.6 1462.6 1461.5 1458.7 1457.8 1457.8 1457.2 1455.0 1447.9 1441.8 1444.1 1444.1							
						*****	******	•							
		YEAR MONTH DAY HOUR	06 16	BOTOP 00105 SHIP EV DATA USE 1 AREA 05	AIN TE WEI BU BANCME CLÉUD	LB 05.6 TR 1024.2	DIR HI OO SEA CL/TR	GT PER	WIND-DIR WIND-SPD WIND-FOR WEATHER		TRACE		ORDER D 00 • 1	5 5	SQ 1306 QUARE 4 QUARE 48 QUARE 78
CASTNUM/TI	IME		DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
08	3.6	STD OBS OBS OBS STD OBS OBS OBS	00000 000005 000005 000009 00010 00011 00020 00030 00030 00041 00047 00050 00050 00050 00075 00075 00076 00100 00100	03.76 03.73 02.77 02.75 02.70 02.54 02.52 02.37 02.36 02.31 00.41 - 0.04 - 0.27 - 1.36 - 1.33 - 1.14 - 1.14	32.88 32.877 32.870 32.840 32.85 32.91 32.91 32.91 32.91 32.90 32.90 32.90 32.90 32.92 32.94 33.27 33.27 33.27 33.27 33.45 33.45	26.15 26.15 26.15 26.21 26.22 26.22 26.28 26.29 26.29 26.29 26.41 26.73 26.73 26.73 26.76 26.79 26.99 20.95		1463.0 1462.9 1458.8 1458.8 1458.6 1458.0 1457.5 1457.5 1457.5 1447.1 1446.0 1441.6 1441.6							
						*****	• • • • • • • • •								

REFID 31 8371 CONSEC 0045 LAT 47 31.7N	YEAR 1974 MONTH 06 DAY 16	BOTOP 00119 SHIP EV DATA USE 1	AIK TEMP 05.9 WET BULB 05.9 BAKCMETR 1023.9	DIR HGT PER 00 0 X SEA	WIND-DIR 06 WIND-SPD 08 WIND-FOR	INST STD RECORDER TRACE DIR D DURATION 00-1	TEN SQ 1307 5 SQUARE 3 2 SQUARE 62
LONG 052 21.0W	HOUR 23.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 646	1 SQUARE 72
CASTNUM/TIME		TEMP	SAL SIGMA-T	DYNDPTH SND VEL	DXY G PO4	TOT P NO2 NO3	S103 PH
23.5	STD 00000 OBS 00003 OBS 00019 OBS 00019 STD 00020 OBS 00020 OBS 00030 OBS 00030 OBS 00036 OBS 00036 OBS 00036 OBS 00057 OBS 00057 OBS 00060 STD 00076 OBS 00060 STD 00076 OBS 00060 OBS 00076	04-02 04-02 03-04 02-75 02-67 02-42 02-30 01-09 01-66 01-29 00-25 - 0-07 - 0-14 - 0-45 - 1-02 - 1-50 - 1-50 - 1-50 - 1-50 - 1-37 - 1-35	32.71	00.000 1463.9 1463.9 1463.9 1463.9 1463.9 1459.7 1456.5 1456.5 1456.5 1454.3 1462.6 1462.6 1402.6 1402.6 1402.6 1402.5 140			
REFID 31 8371	YEAR 1974	BOTOP 00172		DIR HGT PER	WIND-DIR 07 WIND-SPD 08	INST STD RECORDER	TEN SQ 1307 5 SQUARE 3
CONSEC 0046 LAT 47 31.3N LONG 051 47.2W	MONTH 06 DAY 17 HOUR 01.7	SHIP EV DATA USE 1 AREA 05	WET BULB 05.5 BAKOMETR 1024.0 CLGUD T/A		WIND-FOR WEATHER X4	DURATION 00.1 ORIG 011 647	
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNDPTH SND VEL	OXYG PO4	TOT P NO2 NO3	\$103 PH
01.7	STD 00000 08S 00003	04.89 04.89	32.42 25.67 32.425 25.67	00.000 1467.1 1467.2			
	OBS 00007 STD 00010 OBS 00011 STD 00020 OBS 00020 STD 00030 OBS 00034 OBS 00038 STD 00050 OBS 00038 STD 00050 OBS 00100 OBS 00100 OBS 00100 OBS 00100 OBS 00100 OBS 00125 OBS 00150 OBS 00150 OBS 00150	- 1.55	32.364 25.80 32.38 25.83 32.400 25.85 32.57 26.00 32.57 26.05 32.570 26.06 32.605 26.20 32.78 26.52 32.840 26.43 32.94 26.52 33.06 26.62 33.15 26.70 33.15 26.70 33.15 26.70 33.15 26.70 33.22 26.75 33.220 26.75 33.220 26.75 33.290 26.81 33.387 26.88	1459.2 00.023 1458.8 1458.5 00.044 1456.7 1456.7 10.063 1455.4 1446.6 1444.7 00.098 1440.5 1440.2 00.135 1440.2 00.170 1440.3 1440.4 00.203 1441.0 00.235 1442.2			
REFID 31 8371	YEAR 1974	BOTOP 00157			WIND-DIR 00	INST STD RECORDER	
CONSEC 0047 LAT 47 31.0N LONG 052 09.8W	DAY 17	SHIP EV DATA USE I AREA 05	WEI BULB 05.7 BAROMETR 1024.2 CLCUD T/A		WIND-SPD 00 WIND-FOR WEATHER X4	DURATION 00. CRIG 011 648	
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	DYNOPTH SND VEL	. DXYG PO	TOT P NO2 NO3	\$103 PH
04.3	STD 00000 OBS 00005 OBS 00007 OBS 00001 OBS 00011 OBS 00011 STD 00020 OBS 00020 STD 00030 OBS 00030 STD 00050 OBS 00070 STD 00050 OBS 00070 STD 0010 OBS 00100 STD 0012	02.50 02.52 02.43 02.15 02.00 01.76 01.81 01.88 01.88 01.82 00.60 00.07 1.27 1.58 1.58 1.58 1.58 1.58 1.58	31.79 25.36 31.79 25.36 31.74 25.36 31.75 25.36 31.71 25.35 31.81 25.44 32.057 25.66 32.31 25.86 32.32 25.88 32.39 25.91 32.39 25.92 32.50 26.18 32.60 26.18 32.60 26.60 33.12 26.67 33.12 26.67 33.12 26.67 33.12 26.67 33.17 26.71 33.22 26.75	00.000 1457.8 1457.8 1455.2 1455.8 1456.6 00.026 1454.1 1453.4 1454.0 1454.0 00.049 1454.5 1454.0 00.069 1446.7 1440.0 1440.0 1440.0 00.137 1440.0 00.171 1440.5 00.204 1440.9			
	OBS 0014	9 - 1.50	33.340 26.84	1442.5			151

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 CONSEC	8371 0048	MONT	1974 H 06	BOTOP 01154 SHIP EV	WET	BULB 06.8	29	GT PER	WIND-DIR WIND-SPD		TRAC	STD RE	D	5	N SQ 1306 SQUARE 4
	04.5N 53.5H	HOUR	21 17.3	DATA USE 1 AREA 05		METR 1009.7 D T/A	SEA CL/TR		# IND-FOR WEATHER	X4	CRIG	011 65	00.4	1	SQUARE 66 SQUARE 76
CASTNUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
		STD	00000	05.12	33.66	26.62	00.000	1469.7							
	17.3	OBS STD	00005	05.12 05.07	33.660 33.66	26.62 26.63	00.014	1469.8							
		OBS	00011	05.03	33.660	26.63	00.014	1469.5							
		OBS	00017	04.80	33.650	26.65		1468.7							
		STD OBS	00020	04.61	33.70	26.71	00.028	1468.0							
		OBS	00020	04.35 03.48	33.70U 33.680	26.74 26.81		1466.9							
		OBS	00024	03.14	33.790	26.93		1462.0							
		STD	00030	03.09	33.83	26.97	00.040	1461.9							
		OBS OBS	00030	03.08 03.21	33.840 33.93u	26.98 27.03		1461.9							
		085	00036	03.72	34.020	27.06		1465.0							
		OBS	00043	03.76	34.020	27.05		1465.2							
		OBS STD	00047	03.33	34.04U 34.07	27.11 27.14	00.061	1463.5							
		OBS	00051	03.27 03.25	34.090	27.16	00.081	1463.3							
		OBS	00060	03.29	34.200	27.24		1463.8							
		OBS	00062	02.81	34.146	27.24		1461.7							
		08S 08S	00066 84000	02.46	34-130 34-270	27.26 27.34		1460.2							
		OBS	00074	02.29	34.325	27.43		1459.8							
		STD	00075	02.33	34-33	27.43	00.081	1460.0							
		08S	00079	02.71	34.377 34.41∠	27.44 27.45		1461.8							
		DBS	00089	02.91	34.422	27.45		1462.9							
		OBS	00095	02.55	34.390	27.46		1461.4							
		STD OBS	00100	02.65 02.65	34.43 34.430	27.48	00.097	1462.0							
		OBS	00102	02.64	34.425	27.48 27.48		1462.0							
		OBS	00108	02.39	34.447	27.52		1461.0							
		OBS	00110	02.59	34.48u	27.53		1461.9							
		OBS STD	00123 00125	02.48	34.497 34.51	27.55 27.56	00.111	1461.7 1462.0							
		OBS	00129	02.64	34.545	27.58	000111	1462.6							
		OBS	00133	02.64	34.553	27.58		1462 - 6							
		OBS OBS	00140	02.40	34.520	27.58 27.60		1461.7							
		STD	00150	02.31	34.54	27.60	00.124	1461.4							
		OBS	00150	02.31	34.546	27.60		1461.5							
		DBS STD	00175	02.49 02.68	34.590	27.62	00.149	1462.7							
		085	00203	C2.70	34.645	27.65 27.65	00.149	1464.0							
		OBS	00226	02.77	34.660	27.66		1464.9							
		STD	00250	02.82	34.68	27.67	00.172								
		OBS OBS	00251	02.83	34.686	27.67 27.68		1465.6							
		STD	00300	03.42	34.77	27.68	00.194	1469.0							
		085	00300	03.42	34.770	27.68		1469.0							
		OBS STD	00350	03.53	34.790 34.82	27.69 27.70	00.238	1470.4							
		OBS	00401	03.63	34.820	27.70	00.236	1471.6							
		085	00453	03.75	34.847	27.71		1473.1							
		OBS	00500	03.79	34.86	27.72	00.282	1474.0							
		085	00550	03.79 03.78	34.860 34.867	27.72 27.72		1474.0							
		STD	00600	03.74	34.87	27.73	00.325	1475.5							
		085	00601	03.74	34.870	27.73		1475.5							
		OBS STD	00651	03.74 03.69	34.876	27.73 27.74	00.368	1476.9							
		085	00700	03.69	34.870	27.74	001300	1476.9							
		OBS	00750	03.67	34.870	27.74		1477.7							
		STO	00800	03.63 03.63	34.87	27.74 27.74	00.411								
		OBS	00850	03.60	34.870	27.75		1478.4							
		STD	00900	03.58	34-87	27.75	00.454	1479.8							
		08S 08S	00900	03.58	34.870	27.75		1479.8							
		STD	01000	03.56 03.56	34.870 34.88	27.75 27.76	00.498	1480.6							
		085	01001	03.56	34.880	27.76		1481.4							
		085	01022	03.55	34.880	27.76		1481.7							

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID 31 8371 CONSEC 0049 LAT 47 05.0N LONG 047 06.5W	YEAR MONTH DAY HOUR	06 21	BOTOP J0984 SHIP EV DATA USE 1 AREA 05	AIK T WET B BAKOM CLGUD	ULB 06.0 ETR 1008.8		ST PER 2 3	WIND-DIR WIND-SPD WIND-FOR WEATHER	12	TRAC	STD E DII NTION G 011	R	DRDER D 00.4	5	N SQ 1306 SQUARE 4 SQUARE 66 SQUARE 77
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	PB4	TOT F	P N	02	NO3	\$103	PH
	STD	00000	03.81	32.96	26.21	00.000	1463.3								
19.2	OBS	00001	03.81	32.960	26.21	**	1463.3								
19.2	085	00009	03.82	32.940	26.19		1463.5								
	STD	00010	03.81	32.94	26.19	00.018	1463.5								
	085	00011	03.78	32.940	26.19		1463.3								
	OBS	00017	03.44	33.02U	26.29		1462.1								
	STD	00020	02.98	32.98	26.30	00.036	1460-1								
	OBS	00020	02.83	32.970	26.30		1459.5								
	OBS	00024	02.17	33.170	26.52		1456.9								
	STD	00030	02.23	33.33	26.64	00.052	1457.5								
	OB\$	00030	02.23	33.340	26.65		1457.5								
	OBS	00034	02.20	33.350	26.66		1457.4								
	08\$	00036	01.39	33.340	26.71		1453.9								
	OBS	00041	00.75	33.410	26.Bl		1451.2								
	085	00045	00.00	33.430	26.86		1447.9								
	OBS	00047	- 0.55	33.500	26.94		1445.5								
	OBS	00049	- 0.74	33.600	27.03		1444.7								
	STD	00050	- 0.74	33.60	27.03	00.076	1444.8								
	OBS	00051	- 0.74	33.610	27.04		1444.8								
	OBS	00060	- 0.41	33.776	27.15		1446.7								
	085	00064	00.25	33.820	27.16		1449.9								
	OBS	00068	00.34	33.82⊌	27.16		1450.3								
	STD	00075	00.06	33.85	27.20	00.100	1449.2								
	085	00076	- 0.04	33.860	27.21		1448.8								
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REFID 31 8371 CONSEC 0Q50 LAT 47 04.8N LONG 047 21.0W	YEAR 1974 MONTH 06 DAY 21 HOUR 21-1	BOTDP 00263 SHIP EV DATA USE 1 AREA 05	AIK TEMP WET BULB BARDMETR CLLUD T/	05.7 1007.5	DIR HG 29 Z SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	12	TRACE		DRDER D 00-2	5 2	N SQ 12 SQUARE SQUARE SQUARE	66
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SI	GMA-T	DYNDPTH	SNO VEL	O XY G	P04	TOT P	NO2	NO3	\$103	PH	
21.1	STD 00000 OBS 00001 STD 00010 OBS 00013 OBS 00017 OBS 00017 OBS 00019 STD 00020 OBS 00028 STD 00030 OBS 00038 OBS 00045 OBS 00045 OBS 00051 OBS 00051 OBS 00051 OBS 00051 OBS 00051 OBS 00057 STD 00075 OBS 00075	- 1.40 - 1.51 - 1.56 - 1.28	32.75	10.07 10.07 10.07 10.11 10	00.019	1461.7 1461.5 1461.5 1461.5 1450.7 1458.1 1455.8 1455.3 1455.3 1455.3 1445.3 1441.3 1441.1 1443.6 1441.3 1441.1								
	OBS 00100 OBS 00102 STD 00125 STD 00150 OBS 00150 OBS 00175 STD 00250 OBS 00225 STD 00250 OBS 00255 OBS 00255	- 0.68 - 0.61 - 0.08 - 0.07 00.51 00.52 00.98 01.24 01.25 01.36 01.34	33.69 33.85 33.85 33.85 34.02 34.02 34.13 34.24 34.24 34.24 34.24	27.10 27.10 27.20 27.20 27.20 27.31 27.31 27.31 27.44 27.44 27.44 27.43 27.43 27.43	00.137 0C.1e0 00.181 00.216 00.250	1446.0 1440.4 1449.4 1449.4 1452.7 1452.8 1455.4								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8371 CONSEC 0051 LAT 47 04.8N LONG 047 34.0W	YEAR I MONTH DAY HOUR I	06 21	BOTOP 00212 SHIP EV DATA USE II AREM 05	AIN T WET B BAROM CLGUD	ULB 07.1 ETR 1007.1		GT PER	WIND-DIR WIND-SPD WIND-FOR WEATHER	16	TRAC I		00.1	TEN SQ 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 77
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	O XY G	P04	TOT P	NO2	NO3	\$103 PH
	STD	00000	03.28	32.68	26.04	00.000	1460.7						
22.6	085	00001	03.28	32.683	26.04		1460.7						
	OBS	00005	03.27	32.675	26.03		1460.7						
	STD	00010	03.07	32.70	26.07	00.020	1460.0						
	OBS	00011	02.99	32.710	26.08		1459.6						
	085	00017	02.55	32.793	26.19		1457.9						
	STD	00020	02.34	32.77	26.18	00.039	1457.0						
	085	00020	02.27	32.765	26.19		1456.7						
	OBS	00028	01.41	32.910	26.36		1453.3						
	STD	00030	00.64	32.89	26.39	00.056	1449.8						
	OBS	00034	- C.79	32.824	26-40		1443.2						
	OBS	00036	- 0.98	33.043	26.59		1442.6						
	085	00040	- 1.41	33.160	26.70		1440 .8						
	OBS	00041	- 1.33	33-175	26.71		1441.3						
	STD	00050	- 1.64	33.23	26.76	00.085	1440.0						
	OBS	00051	- 1.67	33.235	26.76		1439.9						
	OBS	00064	- 1.72	33.270	26.79		1439.9						
	STO	00075	- 1.71	33.30	26.81	00.117	1440.2						
	OBS	00076	- 1.71	33.300	26.82		1440.2						
	STD	00100	- 1.61	33.38	26.88	00.147	1441.2						
	OBS	00100	- 1.60	33.383	26.88		1441.3						
	STD	00125	- 1.40	33.48	20.95	00.17E	1442.7						
	OBS	00127	- 1.36	33.495	26.97		1443.0						
	STD	00150	- 0.76	33.69	27.10	00.202	1446 .4						
	OBS	00150	- 0.75	33.690	27.10		1446.5						
	OBS	00175	- 0.15	33.835	27.19		1449.9						
	STD	00200	00.23	33.94	27.26	00.246	1452 - 2						
	CBS	00201	00.24	33.940	27.26		1452.2						
	085	00205	00.26	33.944	27.26		1452.4						
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REFID 31 8371 CONSEC 0052 LAT 47 05.5N LONG 047 52.0M	MONTH DAY	06 SHI 21 DAT	IDP 0017 IP EV IA USE	WET B L BAKOM	ULB 06.9 ETR 1006.7	DIR H		WIND-DIR WIND-SPD WIND-FOR WEATHER	20	TRACE DURAT		00.1	5 5 2 5	SQ 1306 SQUARE 4 SQUARE 66 SQUARE 77	•
CASTNUM/TIME	LVLTYP D	EPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	OXY G	P04	TOT P	NO2	N03	\$103	PH	
CASTNUM/TIME 23.9	STD	0000 0000 0000 0010 0011 0015 0019 0020 0020 0020 0030 0030 0041 0045 -0067 0076 0072 -0076 0078 -0079 -00087 -00	03.01 03.01 03.01 03.02 03.02 03.02 02.68 02.68 02.68 02.37 01.98 01.04 01.04 01.04 01.04 01.05 01.05 01.05 01.05	32.62 32.62U 32.62 32.622 32.620 32.620 32.623 32.84U 32.85 32.860 33.08U 33.08U 33.160 33.240 33.250 33.250 33.250 33.250 33.250 33.250 33.250 33.250 33.250 33.250 33.250 33.310 33.310	26.01 26.01 26.01 26.01 26.01 26.04 26.04 26.05 26.27 26.28 26.50 26.55 26.65 26.67 26.70 26.70 26.70 26.70 26.82 26.82	00.000	1459.4 1459.5 1459.6 1459.6 1459.6 1459.3 1458.3 1458.3 1457.4 1458.3 1455.7 1458.3 1457.4 1456.9 1455.7 1446.9 1450.8 1450.8 1450.7 1440.1 1440.2 1450.7 1440.1	DXYG	P04	TOT P	NO2	NO3	\$103	PH	
	OBS OBS OBS OBS OBS OBS OBS OBS OBS	0093 - 0095 - 0099 - 0100 - 0100 - 0125 - 0125 - 0150 - 0152 -	- 0.77 - 0.74 - 1.36 - 1.37 - 1.38 - 1.18 - 1.17 - 0.62 - 0.77 - 0.49 - 0.35	33.385 33.400 33.365 33.36 33.350 33.52 33.520 33.685 33.685 33.730 33.751	26.86 26.87 26.86 26.85 26.85 26.98 27.10 27.10 27.10 27.13	00.156 00.184 00.210	1445.0 1445.2 1442.3 1442.3								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8371 CONSEC 0053 LAT 47 04.2N LONG 048 03.5W			BOTOP 00148 SHIP EV DATA USE 1 AREA 35	AIR T WET 8 BARGE CLUUC	ULB 06.7 ETR 1006.8		ST PER	WIND-DIR WIND-SPD WIND-FOR WEATHER	16	TRACE DURAT		00 • 2	5 2	N SQ 1306 SQUARE 4 SQUARE 61 SQUARE 71
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIG MA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
	STD	00000	03.99	32.74	26.01	00.000	1463.8							
01.5	085	00000	03.59	32.740	26.01		1463.8							
01.0	STD	00010	03.93	32.72.	26.01	00.020	1463.7							
	OBS	00011	03.92	32.720	26.01		1463.6							
	OBS	00013	03.54	32.730	26.01		1463.8							
	085	00015	33.32	32.665	26.02		1461.1							
	STD	00020	02.66	32.77	26.16	0€.039	1458-4							
	OBS	00020	02.57	32.790	26.18		1458.1							
	CBS	00028	02.20	32.865	26.27		1456.7							
	STO	30030	02.08	32.85	26.26	00.058	1456.2							
	085	00030	02.04	32.84W	26.26	-	1456.0							
	STD	00050	- 0.42	32.88	26.43	00.091	1445.2							
	OBS	00051	- 0.50	32.920	26.47		1444.5							
	CBS	00053	- 0.59	32.990	26.53		1444.7							
	OBS	00055	- 1.06	32.990	26.55		1442.5							
	STD	20075	- 1.58	33.14	26.68	00.128	1440.6							
	OBS	00076	- 1.59	33.148	26.69		1440.6							
	085	00085	- 1.66	33.24>	26.77		1440.5							
	STD	00100	- 1.57	33.31	26.82	00.161	1441.3							
	OBS	00100	- 1.56	33.310	26.82		1441.3							
	STD	00125	- 1.28	33.41	26.90	00.191	1443.2							
	OBS	00125	- 1.27	33.417	26.90		1443.3							
	OBS	00135	- 1.00	33.474	26.94		1444.8							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8371 CONSEC 0054 LAT 44 39.5N LONG 046 00.3W	MONT	1974 H 06 29 16•2	BOTOP 03698 SHIP EV DATA USE 1 AREA 05	WET E	SULB 09.7 SETR 1016.9	DIR H 34 SEA CL/TR	HGT PER 3 3	WIND-DIR WIND-SPD WIND-FOR WEATHER		TRACI	STD RE E DIR TION 011 65	00.4	5 2	N SQ 1306 SQUARE 2 SQUARE 46 SQUARE 46	
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXY G	P0 4	TOT P	NO2	NO3	E012	PH	
	STO	00000	10.07	33.06	25.45	00.000	1488.2							***	
16.2	OBS	00001	10.07	33.060	25.45	00.000	1488.2								
	OBS STD	00007	10.06	33.045 33.05	25.44		1488.2								
	085	00011	10.08	33.050	25.44 25.44	00.025	1488.3								
	085	00017	10.04	33.183	25.55		1488.5								
	STD	00019	08.64	33.247 33.58	25.82	00 040	1483.4								
	085	00020	08.70	33.780	26.08 26.23	00.048	1483.9								
	OBS	00022	08.82	33.925	26.33		1485.0								
	STD OBS.	00030	12.38 12.63	34.78	26.36	00.066	1499.0								
	OBS	00032	13.57	34.90± 35.450	26.41		1500.0								
	OBS	00034	13.93	35.580	26.67		1505.2								
	OBS OBS	00040	12.98 12.98	35.370	26.70		1501.9								
	085	00049	13.34	35.38¢ 35.507	26.71		1502.0 1503.4								
	STD	00050	13.35	35.51	26.74	00.096	1503.5								
	OBS STD	00051	13.36 12.98	35.520	26.74		1503.6								
	OBS	00076	12.98	35.49 35.483	26.79 26.79	00.129	1502.6 1502.7								
	OBS	00083	13.00	35.465	26.77		1502.8								
	OBS OBS	00087	12.63	35.375	26.78		1501.5								
	STD	00100	12.33	35.390 35.35	26.81 26.82	00-161	1501.3 1500.7								
	085	00100	12.21	35.33∠	26.82	001101	1500.3								
	OBS OBS	00104	12.13	35.337	26.84		1500.1								
	085	00110	11.82 11.54	35.255 35.178	26.84 26.83		1458.9								
	OBS	00118	10.51	35.03G	26.91		1497.9								
	OBS STD	00121	10.62	35.090	26.93		1454.7								
	OBS	00125	09.97 05.50	34.99 34.980	26.97 26.97	00.191	1492.3								
	CBS	00129	05.88	35.000	26.99		1452.1 1452.1								
	08S 08S	00131	09.10	34.850	27.00		1489.0								
	085	00144	08.95 08.38	34.815	27.00 27.01		1488.6 1486.4								
	STD	00150	08-36	34.72	27.02	00-218	1486.4								
	OBS OBS	00150 00154	08.36	34.723	27.02		1486.4								
	OBS	00158	08.32 C7.99	34.70u 34.678	27.01 27.04		1486.3 1485.1								
	085	00175	08.25	34.790	27.09		1486.5								
	08S 08S	00178 00186	08.24 09.45	34.826	27.12		1486.5								
	STD	00200	09.46	35.120 35.12	27.16 27.16	06.269	1451.6								
	OBS	00201	09.49	35.126	27.15	068209	1492.0								
	OBS OBS	00211	09.78 09.79	35.200	27.16		1493.3								
	OBS	00222	09.19	35.200 35.07¢	27.16 27.16		1493.4								
	OBS	00232	08.11	34.850	27.16		1487.0								
	OBS STD	00236 00250	07.61 07.14	34.765 34.75	27.17	00 315	1485.0								
	OBS	00251	07.10	34.753	27.23 27.23	00.315	1483.4								
	OBS OBS	00258	07.28	34.813	27.25		1484.1								
	085	00268 00272	07.19 06.54	34.795 34.675	27.25 27.25		1483.9								
	OBS	00276	06.48	34.690	27.27		1481.3								
	OBS OBS	00281	06-34	34-657	27.26		1480.6								
	085	00285	05.96 05.46	34.600 34.53u	27.26 27.27		1479.1								
	085	00298	05.42	34.580	27.31		1477.1								
	STD OBS	00300	05.62	34.62	27.32	00.358	1478.0								
	OBS	00308	06.21 06.19	34.750 34.750	27.35 27.35		1480.6								
	OBS	00325	05.90	34.745	27.39		1479.7								
	08S 08S	00335	07.18 07.24	35.026	27.43		1485.3								
	STD	00400		35.035 35.04	27.43 27.50	00.431	1485.8								
	OBS	00401	06.77	35.045	27.51	000431	1484.8								
	OBS OBS	00449		35.00u 34.94¢	27.54		1483.6								
	STD	00500		34.94	27.56 27.59	00.492	1481.4								
	OBS	00500	05.48	34.940	27.59	000172	1481.1								
	OBS	00552		34.990 35.03	27.63		1482.0								
	DBS	00601		35.035	27.66 27.66	00.547	1483.3								
	085	00649	05-40	35.020	27.66		1483.4								
	OBS STD	00656 00700		34.935 34.94	27.66 27.69	00 500	1481.1								
	OBS	00700	04.67	34.945	27.65	00.598	1481.1								
	OBS STD	00750	04.74	34.966	27.69		1482.3								
	OBS	00800		34.92 34.920	27.70 27.70	00.646	1481.6								
	OBS	00850	04.24	34.910	27.71		1481.8								
	OBS	00900	04.15	34.90	27.71	00.695	1482.2								
	085	00902		34.900 34.940	27.71 27.74		1482.3								
	OBS	00997	04.06	34.910	27.73		1483.4								
	STD	01000	04.07	34.92	27.73	00.742	1463.6								
	OBS	01026		34.920 34.920	27.74 27.74		1483.6								
					-1017		1484.1								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

	8371 0055 53.8N 35.5W	MONT	1974 H 06 29 20.7	BOTDP 03475 SHIP EV DATA USE 1 AREA 05	WET BAND		35		WIND-DIR WIND-SPD WIND-FOR WEATHER	06	TRAC	STD REC E DIR TION 011 657	00.4	5 2	N SQ 1306 SQUARE 2 SQUARE 46 SQUARE 46
CASTNUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SAD VEL	O XY G	P04	TOT P	NQ2	N03	\$103	PH
		STD	00000	05.72	32.98	26.01	00.000	1471-3							
	20.7	08S 08S	00001	05.72 05.74	32.977	26.01 26.01		1471.3 1471.4							
		STD	00010	05.59	32.97	26.02	00.020	1470.9							
		280	00011	05.55	32.970	26.03		1470.8							
		STD OBS	00020	05.35 05.33	32.99 32.990	26.06 26.07	00-040	1470.1							
		085	00022	05.28	32.985	26.07		1469.9							
		OBS	00024	04.80	33.045	20.17		1465.2							
		OBS STD	00028	04.82	33.066 32.95	26.18 26.25	00.058	1468.1							
		085	00030	02.93	32.914	26.25	00.000	1460.0							
		OBS	00032	02.31	33.195	26.53		1457.7							
		08 S 08 S	00036	02.31	33.230	26.55 26.58		1457.8							
		OBS	00041	01-12	33.260	26.66		1452.7							
		085	00043	00.60	33.287	26.72	00 000	1450 . 4							
		STD OBS	00050	00.11	33.49 33.52	26.90 26.93	00.088	1448.2							
		CBS	00066	- 0.04	33.632	27.03		1448.3							
		OBS	00070	- G.29 - G.18	33.626	27.03		1447.2							
		OBS STD	00075	- 0.10	33.75v	27.16 27.16	00.114	1448.4							
		OBS	00085	00.61	33.850	27.17		1451.5							
		OBS OBS	00087	01.23	33.87¢ 33.93u	27.18 27.19		1452.3 1454.9							
		085	00057	00.30	33.850	27.18		1450.7							
		STD	00100	00.91	33.89	27.18	00.137	1453.6							
		OBS OBS	00110	02.00	34-040	27.23 27.28		1456.8 1458.9							
		OBS	00114	02.21	34.195	27.33		1460.0							
		OBS	00116	02.72	34.25	27.33		1462.3							
		OBS OBS	00118	02.61	34.400	27.34 27.37		1462.7							
		OBS	00123	03.87	34.440	27.38		1467.6							
		STD	00125	03.76	34.43	27.38	00.157	1467.1							
		OBS STD	00148	03.07 03.10	34.34	27.37 27.37	00.175	1464.5							
		OBS	00150	02.13	34.340	27.37	*****	1464.7							
		OBS	00156	04.64	34.590	27.41		1471.5							
		OBS OBS	00165 00175	05.08 03.54	34.632	27.4G 27.42		1473.6							
		CBS	00177	03.53	34.460	27.43		1467.1							
		08S 08S	00180	02.76	34.480	27.42		1465.7							
		DBS	00190	03.65	34.550	27.45		1467.9							
		OBS	00194	04-15	34.016	27.46		1470.2							
		DBS OBS	00196	04.17 04.74	34.620 34.690	27.49 27.48		1470.3							
		STD	00200	04.74	34.69	27.48	00.209	1472.8							
		085	00201	04.76	34.690	27.46		1472.9							
		08 S 08 S	00226	C4.80 04.70	34.745	27.52 27.52		1473.6							
		STD	00250	04.49	34.72	27.53	00.239	1472.6							
		OBS	00253	04.30	34.710	27.55		1471.9							
		OBS OBS	00268	04.53	34.790	27.58 27.58		1473.2							
		STD	00300	03.53	34.70	27.02	00.267	1469.4							
		08 S 08 S	00300	03.53	34.705	27.62 27.64		1469.4							
		DBS	00350	03.28	34.715	27.65		1469.2							
		STD	00400	03.44	34.78	27.65	00.314	1470.8							
		OBS OBS	00401	03.45	34.78u 34.817	27.65 27.70		1470.5							
		STD	00500	03.86	34.88	27.73	00.358	1474.3							
		OBS	00502	03.87	34.884	27.73 27.73		1474.4							
		OBS STD	00550	04.C2 04.03	34.90	27.73	00.402	1476.7							
		OBS	00601	04.03	34.900	27.73		1476.8							
		08S \$10	00651	04.07	24.956 34.93	27.76 27.75	00.445	1477.8							
		DBS	00702	04.03	34.930	27.75	000777	1478.5							
		OBS	00710	03.99	34.925	27.75		1478.4							
		08S 08S	00717	04.19 03.90	34.946	27.74		1479.4							
		OBS	00793	04.19	34.956	27.75		1480.7							
		STD	00800	04.17	34.94	27.75	00.488	1480.7							
		\$10	00900	04.04	34.915 34.92	27.74 27.74	00.533	1481.2							
		OBS	00900	03.99	34.920	27.75		1481.6							
		OBS STD	01000	03.51	34.940	27.77 27.77	00. 577	1482.4							
		OBS	01001	03.78	34.920	27.77	000311	1482.4							
		085	01024	03.78	34.924	27.77		1482.8							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8371	YEAR	1974	BOTOP 03017	AIR 1	TEMP	DIR H	GT PER	WIND-DIR	31	INST	STD RE	CORDER	TE	N SQ 1306
CONSEC 0056		H 06	SHIP EV DATA USE 1	WET E	ULB METR 1020.5	00	0 X	WIND-SPD WIND-FOR	09		E DIR	00.5		SQUARE 46
LAT 45 05.2N LONG 047 04.8W	DAY HOUR	30	DATA USE 1 AREA 05	CLLU		SEA CL/TR		WEATHER	X2		G 011 65	8		SQUARE 57
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DANDETH	SND VEL	OXYG	P04	TOT	P N02	NO3	\$103	PH
22.1	STD	00000	06.16	33.01	25.98	00.000	1473.1							
00.1	08S STD	00003	06.16 05.77	33.010	25.98 26.05	00.020	1473.2							
	OBS	00011	05.71	33.030	26.06		1471.5							
	880	00017	05.60	33.040	26.08		1471-1							
	STD	00020	05.40	32.99 32.950	26.06 26.07	00.040	1470.3							
	085	00022	03.72	32.830	26.11		1463.1							
	085	00024	03.08	33.080	26.37		1460.8							
	STD OBS	00030	02.40	33.22 33.230	26.54 26.55	00.057	1458.1							
	085	00036	02.13	33.250	26.58		1457.0							
	DBS	00038	01.84	33.270	26.62		1455.8							
	085	00040	01.68	33.310 33.320	26.66 26.68		1455.2 1454.9							
	STD	00050	00.41	33.46	26.87	00.084								
	085	00051	00.32	33.480	26.89		1449.5							
	OBS	00055	00.26 00.12	33.52y 33.51v	26.92 26.92		1449.3 1448.7							
	08 S 08 S	00064	- 0.33	33.620	27.03		1446.9							
	OBS	00068	- 0.06	33.700	27.08		1448.3							
	STD	00075	00.01	33.75	27.12	00.111								
	OBS OBS	00076	00.02 00.27	33.770	27.13 27.15		1448.9 1450.1							
	OBS	00097	00.64	33.955	27.25		1452.4							
	STD	00100	00.82	33.97		00.133								
	OBS OBS	00102	00.89 00.88	33.980	27.25 27.26		1453.6							
	085	00108	01.04	34.052	27.30		1454.5							
	085	00116	01.52	34-190	27.35		1458.7							
	STD	00121	02.38	34.250 34.25	27.36 27.36	00.153	1460.9							
	085	00125	02.43	34.250	27.36		1461.2							
	OBS	00127	02.45	34.290	27.39		1461.4							
	08S	00129	02.79 02.85	34.350 34.360	27.41		1462.9 1463.3							
	OBS	00139	03.25	34.405	27.41		1465.2							
	STD	00150	03.42	34.44	27.42	00.170								
	_08\$ 08\$	00150 00152	03.45	34.455	27.43 27.48		1466.3							
	OB\$	00158	04.21	34.610	27.48		1469.8							
	OBS	00161	04.58	34.676	27.48		1471.5							
	08 S 08 S	00173	04.56 04.15	34.650 34.610	27.47 27.48		1471.6							
	OBS	00178	04.13	34.600	27.48		1469.8							
	OBS	00184	04.56	34.660	27.48		1471.8							
	08S 08S	00188	04.44	34.632	27.47		1471.3							
	OBS	00198	0.2 0.6	24 50	27.49		1468.9							
	STD	00200	03.62	34.56	27.49	00.203								
	OBS OBS	00203	03.36	34.540 34.560	27.51 27.52		1466.9 1466.9							
	OBS	00209	03.68	34.620	27.54		1468.4							
	OBS	00213	03.72	34.642	27.55		1468.7							
	OBS OBS	00218	04.22 04.22	34.70J 34.71u	27.55 27.55		1471.0							
	085	00226	04.47	34.750	27.56		1472.2							
	STD	00250	04.72	34.80	27.57	00.232								
	OBS OBS	00251	04.73	34.798 34.790	27.57 27.59		1473.8							
	OBS	00276	04.23	34.763	27.60		1472.0							
	OBS	00277	04.30	34.790	27.61		1472 - 4							
	OBS STD	00287	04.05 03.99	34.752 34.76	27.61	00.259	1471.5							
	OBS	00300	03.99	34.760	27.62		1471.4							
	085	00336	04.27	34.810	27.63		1473.3							
	OBS OBS	00340	04.05	34.790 34.810	27.64		1472.4							
	STD	00400	04.18	34.86	27.67	00.308	1474.0							
	085	00401	04.18	34.857	27.68		1474.0							
	OBS STD	00451	04.17	34.880	27.69 27.70	00.354	1474.8							
	OBS	00500	04.08	34.870	27.70	000334	1475.3							
	OB\$	00552	04.11	34.895	27.71		1476.3							
	STO	00600	04.21	34.91	27 - 71	00.399								
	085	00601	04.21	34.910	27.71 27.72		1477.7							
	STD	00700	04-05	34.92	27.74	00.444	1478.5							
	OBS OBS	00700	04.05	34.920	27.74		1478.5							
	STD	00800	03.99	34.91	27.74	00.487								
	OBS	00801	03.92	34.910	27.74		1479.6							
	OBS STD	00850	03.63 03.78	34.90u 34.90	27.75	03.531	1480 - 1							
	082	00900	03.78	34.90	27.75	150.00	1480.7							
	OBS	00951	03.80	34.914	27.76		1481.6							
	STD OBS	01000	03.74	34.90	27.76 27.76	00.575	1482.2							
	OBS	01001	03.78	34.910	27.76		1462.8							

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

CASTNUM/TIME LVLTYP DEPTH TEMP SAL SIGNA-T DYNOPTH SNO VEL DXYG P04 TOT P NO2 NO3 S103 PH S10 00000 00-15 1 33.0-4 25.5-6 00.000 1474-5	REFID 31 CONSEC LAT 45 LONG 047	8371 0057 13.0N 31.3W	MONT	1974 H 06 30 03.5	BOTDP 02743 SHIP EV DATA USE I AREA 05			00	GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER		TRACE DURAT		00.3	5	N SQ I SQUARE SQUARE SQUARE	46
03.5 085 00050 0.44 33.04 25.47 0.0.20 1474.4 0.0.25 1474.5 0.0.25 1474.4 0.0.25 1474.	CASTNUM	VTIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	\$103	PH	
STO 00010 02.44 33.040 25.57 00.020 1474.4 085 00011 06.43 33.040 25.57 02.020 1474.4 085 00011 06.43 33.040 25.57 02.020 1474.4 085 00020 05.44 33.107 24.13 00.040 1472.9 085 00020 05.44 33.117 26.10 085 00026 04.91 33.253 26.32 085 00026 04.94 33.252 26.42 085 00028 04.54 33.352 26.45 085 00020 03.46 33.45 26.44 085 00050 03.46 33.45 26.47 085 00051 03.36 33.49 26.67 085 00051 03.36 33.49 26.67 085 00051 03.36 33.49 26.67 085 00051 03.36 33.49 26.67 085 00050 03.46 33.45 26.44 085 00050 03.46 33.45 26.44 085 00050 03.46 33.45 26.47 085 00050 03.46 33.45 26.47 085 00050 03.46 33.45 26.47 087 00050 03.46 33.49 26.67 088 00050 02.20 34.60 27.22 088 00061 02.04 34.10 27.32 088 00100 02.45 34.33 27.46 00.135 1458.6 088 00100 02.46 34.49 27.52 00.150 088 00129 02.49 34.40 27.53 01.50 0								00.000									
085 00011 06.43 33.040 25.77 1474.4 085 00013 00.77 33.000 25.97 1474.4 085 00013 00020 05.22 33.10 26.13 00.040 1470.9 085 00026 04.91 33.252 26.32 1468.7 085 00028 04.94 33.345 26.44 01.467.4 085 00030 04.54 33.36 26.44 00.050 1467.4 085 00030 04.54 33.370 26.67 00.050 1467.4 085 00030 04.54 33.370 26.67 00.050 1467.4 085 00051 03.33 33.490 26.67 00.050 1467.4 085 00057 02.50 33.690 26.91 1459.6 085 00076 02.07 34.04 27.22 00.110 1498.5 085 00076 02.15 34.354 27.46 00.135 1498.6 085 00100 02.15 34.354 27.46 00.135 1499.6 085 00100 02.15 34.350 27.46 00.135 1499.6 085 00120 02.49 34.47 27.53 00.50 1499.7 085 00120 02.49 34.74 27.53 00.150 1469.7 085 00120 03.00 34.61 27.59 00.164 1464.9 085 00150 03.00 34.61 27.59 00.164 1464.9 085 00150 03.00 34.61 27.59 00.164 1464.9 085 00150 03.00 34.61 27.59 00.164 1464.9 085 00150 03.00 34.61 27.59 00.164 1464.9 085 00150 03.00 34.61 27.59 00.164 1464.9 085 00150 03.00 34.61 27.59 00.164 1464.9 085 00175 03.02 34.74 27.61 00.190 1469.7 085 00175 03.02 34.74 27.61 00.190 1469.7 085 00175 03.99 34.74 27.61 00.190 1469.7 085 00175 03.99 34.74 27.61 00.190 1469.7 085 00175 03.99 34.74 27.61 00.190 1469.7 085 00175 03.99 34.74 27.63 00.214 1471.0 085 00175 03.99 34.74 27.61 00.190 1469.7 085 00270 03.99 34.74 27.61 00.190 1469.7 085 00270 03.99 34.74 27.63 1470.1 085 00175 03.69 34.79 27.60 1471.1 085 00175 03.69 34.79 27.60 00.214 1471.0 085 00175 03.99 34.79 27.60 00.214 1471.0 085 00175 03.99 34.79 27.70 07.63 1470.1 085 00170 00.40 35.99 34.79 27.70 00.216 1471.1 085 00170 00.40 04.35 34.99 27.74 00.326 1477.2 085 0050 04.61 34.99 27.77 00.226 1477.2 085 0050 04.61 34.99 27.77 00.418 1479.0 085 0050 04.61 34.99 27.77 00.418 1479.0 085 0050 04.61 34.99 27.77 00.418 1479.0 085 0050 04.61 34.99 27.77 00.418 1479.0 085 0050 04.61 34.99 27.77 00.418 1479.0 085 0050 04.61 34.99 27.77 00.418 1479.0 085 0050 04.61 34.99 27.77 00.418 1479.0 085 0050 04.61 34.99 27.77 00.499 1481.4 085 0050 04.61 34.99 27.77 00.499 1481.4 085 0050 04.		03.5						00.000									
STO 00020 05.52 33.100 25.99 1472.9 1470.9 1470.7								00.020									
STD 00020																	
OBS 00020 05.44 33.117 26.16 1470.7 OBS 00026 04.91 33.253 26.32 OBS 00028 04.91 33.253 26.32 OBS 00028 04.54 33.345 26.44 OBS 00030 03.46 33.46 26.46 00.058 1467.4 OBS 00050 03.46 33.49 26.64 00.088 1463.3 OBS 00051 03.33 33.349 26.67 OBS 00051 03.33 33.349 26.67 OBS 00057 02.50 33.60 26.91 1459.5 OBS 00058 02.67 34.06 27.22 00.116 1459.5 OBS 00061 02.03 34.08 27.12 1459.5 OBS 00061 02.14 34.34 27.46 00.35 1459.6 OBS 00100 02.14 34.37 27.46 00.435 1459.6 OBS 00100 02.14 34.37 27.46 1459.5 OBS 00125 02.49 34.47 27.53 04.150 04.150 1461.7 OBS 00125 02.49 34.47 27.53 1461.7 OBS 00125 02.49 34.47 27.53 1461.7 OBS 00125 02.49 34.47 27.53 1461.7 OBS 00127 02.49 34.40 27.55 1461.7 OBS 00127 03.66 34.60 27.59 1461.7 OBS 00157 03.66 34.60 27.60 1464.9 1467.8 1467.								00.040									
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STD 00050 03.4% 33.4% 26.64 085 00051 03.23 33.4% 26.67 1462.8 1462.8 1685 00059 02.50 33.690 26.91 1458.5 085 00076 02.06 34.04 27.24 085 00081 00081 00081 02.04 34.04 27.24 1458.5 085 00100 02.04 34.100 27.04 085 00100 02.15 34.35 27.46 085 00125 02.49 34.470 27.53 085 00125 02.49 34.470 27.53 085 00126 02.64 34.400 27.52 1461.7 085 00125 02.49 34.400 27.52 1461.7 085 00125 02.49 34.400 27.52 1461.7 085 00126 03.16 34.610 27.52 1461.7 085 00150 03.68 03.16 34.610 27.59 1464.7 085 00152 03.68 03.16 03.17 34.60 27.59 1464.7 085 00152 03.69 34.740 27.50 085 00152 03.69 34.740 27.60 085 00152 03.69 34.740 27.60 085 00203 03.99 34.743 27.60 085 00203 03.99 34.743 27.60 085 00226 03.57 34.770 27.63 085 00226 03.69 34.740 27.62 085 00227 03.83 34.740 27.62 085 00226 03.47 34.770 27.63 085 00227 085 00226 03.47 34.770 27.63 085 00227 085 00226 03.47 34.770 27.63 085 00227 085 00226 03.47 34.770 27.63 085 00227 085 00226 03.47 34.770 27.63 085 00227 085 00226 03.47 34.770 27.63 085 00227 085 00226 03.47 34.770 27.63 085 00240 04.07 34.810 27.64 085 00401 04.35 34.990 27.71 07.72 085 00400 04.35 34.990 27.71 085 00401 04.35 34.990 27.77 085 00401 04.35 34.990 27.77 04.47 085 00401 04.35 34.990 27.77 085 00401 04.17 085 00401 04.13 34.990 27.77 04.47 085 00401 04.13 34.990 27.77 085 00401 04.13 34.990 27.77 085 00401 085 00401 08.4 085 00401 0								00.058									
085 00051 03-33 33.4-90 26-67 1462-8 085 00059 02-50 33.6-90 26-91 1459-6 STD 00075 02-07 34.04 27.22 00.116 1458.5 085 00076 02.06 34.060 27.24 1458.5 085 00076 02.06 34.060 27.34 1458.5 085 00081 02.04 34.160 27.34 1458.5 085 0010081 02.04 34.160 27.38 1458.6 085 00105 02.15 34.350 27.46 1459.7 STD 00125 02-49 34.470 27.53 1461.7 085 00125 02-49 34.470 27.58 1461.7 085 00129 02-49 34.460 27.52 1461.8 085 00125 03-68 34.610 27.58 1465.2 STD 00150 03-08 34.610 27.60 1467.8 STD 00150 03-08 34.740 27.60 1467.8 STD 00200 03-98 34.740 27.61 1469.1 STD 00200 03-98 34.740 27.61 1469.7 STD 00200 03-98 34.740 27.61 1469.7 STD 00200 03-98 34.740 27.62 1469.7 STD 00200 04-07 34.611 27.65 00.214 1471.1 STD 00200 04-07 34.613 27.65 1471.1 STD 00200 04-29 34.675 27.66 1472.9 STD 00300 04-28 34.675 27.66 1472.9 STD 00300 04-28 34.675 27.77 1475.9 STD 00300 04-28 34.675 27.77 1475.9 STD 00300 04-28 34.675 27.76 1477.2 STD 00300 04-28 34.980 27.74 1477.2 STD 00300 04-15 34.980 27.74 1475.3 STD 00300 04-15 34.980 27.74 1475.3 STD 00300 04-15 34.980 27.77 1475.9 STD 00300 04-15 34.980 27.77 1475.9 STD 00500 04-51 34.990 27.77 1475.9 STD 00500 04-51 34.990 27.77 1475.9 STD 00500 04-51 34.990 27.77 1475.9 STD 00500 04-								00-088									
OBS OD059 O2.50 O2.67 O2.66 O2.64								000000									
STD 00075 02.07 34.04 27.22 00.116 1458.5 0BS 00076 02.06 34.060 27.24 1458.5 STD 00100 02.14 34.160 27.32 1458.6 STD 00100 02.15 34.350 27.46 00.135 1459.6 0BS 00100 02.15 34.350 27.46 01.35 1459.6 STO 00120 02.15 34.350 27.46 01.35 1459.6 STO 00120 02.15 34.350 27.46 01.35 1459.6 OBS 00102 02.49 34.470 27.53 1461.7 OBS 00129 02.49 34.400 27.52 1461.8 STD 00150 03.08 34.61 27.59 04.60 1465.2 STD 00150 03.08 34.61 27.59 04.60 1465.2 OBS 00154 03.16 34.653 27.60 1465.4 OBS 00157 03.66 34.650 27.60 1467.8 OBS 00179 03.92 34.740 27.61 1469.1 OBS 00203 03.93 34.74 27.61 00.190 1469.7 OBS 00203 03.99 34.774 27.61 00.190 1469.7 OBS 00203 03.99 34.774 27.61 1469.8 OBS 00203 03.99 34.774 27.61 1469.8 OBS 00203 03.99 34.78 27.60 1470.1 OBS 00205 04.03 34.81 27.65 00.214 1471.1 OBS 00207 03.90 34.81 27.65 00.214 1471.1 OBS 00208 04.07 34.81 27.65 00.214 1471.1 OBS 00207 03.90 34.81 27.65 00.214 1471.1 OBS 00208 04.03 34.83 27.67 1470.1 OBS 00209 04.28 34.87 27.60 00.218 1472.8 OBS 00400 04.28 34.87 27.60 00.218 1472.8 OBS 00401 04.35 34.92 27.71 00.282 1477.8 OBS 00401 04.35 34.92 27.71 1478.8 OBS 00401 04.37 34.95 27.77 00.49 1479.0 OBS 00401 04.37 34.95 27.77 00.49 1479.0 OBS 0050 04.61 34.98 27.77 00.49 1479.0 OBS 0050 04.61 34.99 27.77 00.49 1481.4 OBS 0050 04.61 04.37 34.95 27.77 00.49 1481.4 OBS 0050 04.61 04.87 34.99 27.77 00.49 1481.4 OBS 0050 04.01 03.78 34.99 27.77 00.49 1481.4 OBS 0050 050 04.81 34.99 27.77 00.49 1481.4 OBS 0050 050 04.61 34.99 2																	
CBS				00075	02.07	34.04	27.22	00.116									
085 00100 02_16 34_34_5 27_46 00_135 1459_6 085 00105 02_49 34_477 27_53 00_150 1461_7 085 00125 02_49 34_477 27_53 10_161_7 085 00125 02_49 34_460 27_52 1461_8 085 00125 02_49 34_460 27_52 1461_8 085 00129 02_49 34_460 27_52 1461_8 085 00146 03_17 34_605 27_58 1461_8 085 00150 03_68 34_61 27_55 00_164 1465_2 085 00157 03_68 34_61 27_55 00_164 1465_2 085 00157 03_68 34_61 27_55 00_164 1464_8 085 00157 03_163 34_650 27_58 00_164 1465_1 085 00157 03_163 34_650 27_58 00_164_9 03_17 03_48 00_164_9 03_17 03_48_9 03_47_8 03_48_9 03_47_8 03_48_9 03_48																	
OBS OOI 00 OZ_15 34,350 27.46 1459.7 STO OO125 OZ_449 34,470 27.53 0.150 1461.7 OBS OO129 OZ_449 34,470 27.52 1461.8 OBS OO140 O3.17 34,600 27.58 1461.8 OBS OO150 O3.03 34,610 27.59 1464.7 OBS OO152 O3.02 34,610 27.59 1464.7 OBS OO157 O3.60 34,690 27.60 1467.8 OBS OO157 O3.60 34,700 27.60 1467.8 OBS OO175 O3.49 34,774 27.61 00.190 1469.7 OBS OO270 O3.49 34,772 27.60 1469.7 00.190 1469.7 OBS OO271 O3.49 34,772 27.60 1469.7 00.190 1469.7 OBS OO270 O3.49 34,770 27.60 1470.1 00.190								00 135									
STO 00125 02.49 34.47 27.53 00.150 1461.7								00.135									
085 00129 02.49 34.47C 27.53 1461.7 085 00129 02.49 34.40 27.52 1461.8 085 00140 03.17 34.605 27.52 1461.8 STD 00150 03.08 34.61 27.55 00.164 1464.9 085 00152 03.02 34.610 27.59 1465.4 085 00154 03.16 34.65 27.62 1465.4 085 00167 03.66 34.60 27.60 1467.8 085 00167 03.66 34.60 27.60 1467.8 085 00167 03.66 34.60 27.60 1467.8 085 00203 03.99 34.74 27.61 00.190 1469.7 085 00203 03.99 34.74 27.61 00.190 1469.8 085 00207 03.83 34.74 27.61 00.190 1469.8 085 00207 03.83 34.74 27.62 1469.2 085 00226 03.77 34.770 27.63 1470.1 STD 00250 04.07 34.81 27.65 00.214 1471.0 085 00253 04.08 34.81 27.65 00.214 1471.1 085 00253 04.09 34.813 27.67 1470.7 STD 00300 04.29 34.813 27.67 1470.7 STD 00300 04.29 34.815 27.67 1470.7 STD 00300 04.29 34.815 27.65 00.224 1472.8 085 00350 04.13 34.85 27.67 1470.7 STD 00300 04.29 34.875 27.68 1472.9 085 00350 04.13 34.85 27.67 1473.0 STD 00500 04.27 34.89 27.74 0.282 1474.8 STD 00500 04.21 34.99 27.71 0.282 1474.8 STD 00500 04.51 34.99 27.71 1475.3 STD 00500 04.51 34.99 27.74 1474.8 STD 00500 04.51 34.99 27.74 1478.3 STD 00500 04.63 34.99 27.74 1478.3 STD 00500 04.63 34.99 27.75 1481.4 STD 00500 04.63 34.99 27.76 04.413 1479.0 STD 00500 04.63 34.99 27.76 04.413 1479.0 STD 00500 03.54 34.99 27.76 04.45 1479.0 STD 00500 03.54 34.99 27.76 04.45 1479.0 STD 00500 03.54 34.99 27.76 04.45 1479.0 STD 00500 03.59 34.99 27.77 04.45 1479.0 STD 00500 03.59 34.99 27.77 04.45 1481.4						34.47		00-150									
OBS 00146 03-17 34-60 27-52 1461-6 OBS 00146 03-17 34-605 27-58 00-164 1465-2 STD 00150 03-08 34-61 27-59 00-164 1464-9 OBS 00152 03-02 34-610 27-59 00-164 1464-7 OBS 00154 03-16 34-65 27-62 1465-4 OBS 00157 03-66 34-690 27-60 1467-8 OBS 00167 03-66 34-690 27-60 1467-8 OBS 00175 03-92 34-740 27-61 1469-1 STD 00200 03-98 34-74 27-61 00-190-18 OBS 00200 03-98 34-74 27-60 1469-1 OBS 00207 03-83 34-740 27-62 1469-2 OBS 00250 04-07 34-81 27-65 00-214 170-1 OBS 00250 04-07 34-81 27-65 1471-1 OBS 00250 04-07 34-81 27-65 00-214 170-1 OBS 00250 04-07 34-81 27-65 00-214 170-1 OBS 00250 04-07 34-81 27-65 1471-1 OBS 00250 04-07 34-81 27-65 00-214 170-1 OBS 00250 04-07 34-81 27-65 1471-1 OBS 00250 04-13 34-81 27-67 1470-7 STD 00300 04-29 34-875 27-68 00-238 1472-8 OBS 00300 04-29 34-875 27-68 00-238 1472-9 OBS 00400 04-35 34-92 27-71 00-282 1474-8 OBS 00500 04-13 34-850 27-74 1474-8 OBS 00500 04-13 34-80 27-74 1478-8 OBS 00500 04-13 34-98 27-74 00-326 1478-8 OBS 00500 04-15 34-98 27-74 1478-8 OBS 00500 04-15 34-98 27-74 1478-8 OBS 00601 04-37 34-95 27-73 1478-9 OBS 00750 04-08 34-99 27-74 1478-9 OBS 00750 04-08 34-99 27-75 1479-9 OBS 00800 04-04 34-99 27-75 1479-9 OBS 00800 04-04 34-99 27-75 1479-9 OBS 00800 04-04 34-99 27-75 1480-2 OBS 00990 03-94 34-92 27-77 00-499 1481-4 OBS 00990 03-94 34-92 27-77 00-499 1481-4 OBS 00990 03-95 34-81 34-920 27-75 1480-2 OBS 00990 03-95 34-99 27-75 1480-2 OBS 00990 03-96 34-99 27-75 1480-2 OBS 00990 03-96 34-92 27-77 00-549 1481-4 OBS 00990 03-97 34-92 27-77 00-549 1481-4 OBS 00990 03-97 34-92 27-77 00-549 1481-4 OBS 00990 03-97 34-92 27-77 0																	
085 00152 03.08 34.61 27.59 00.164 464.9 085 00152 03.02 34.610 27.59 1466.7 085 00154 03.16 34.653 27.62 1465.4 085 00167 03.66 34.690 27.60 1467.8 085 00167 03.92 34.740 27.61 1467.8 085 00200 03.99 34.74 27.61 00.190 1469.7 085 00207 03.83 34.740 27.61 1469.8 085 00207 03.83 34.740 27.62 1469.8 085 00205 04.07 34.81 27.65 00.190 1469.7 085 00250 04.07 34.81 27.65 00.214 1471.0 085 00250 04.07 34.81 27.65 00.214 1471.0 085 00250 04.08 34.81 27.65 00.214 1471.0 085 00250 04.08 34.81 27.65 00.214 1471.0 085 00250 04.28 34.87 27.68 00.236 1472.8 085 00350 04.13 34.850 27.67 1473.0 0.208 1472.9 085 00401 04.35 34.920 27.71 00.202 1471.2 085 00550 04.51 34.980 27.74 00.326 1471.2 085 00550 04.51 34.980 27.74 00.326 1471.2 085 00550 04.51 34.980 27.74 00.326 1471.2 085 00550 04.51 34.980 27.74 1478.0 085 00550 04.51 34.980 27.74 1478.0 085 00550 04.51 34.980 27.74 1478.0 085 00550 04.51 34.980 27.74 1478.0 085 00550 04.51 34.980 27.74 1478.0 085 00550 04.51 34.980 27.74 1478.0 085 00550 04.51 34.980 27.74 1478.0 085 00550 04.51 34.980 27.74 1478.0 085 00550 04.51 34.980 27.74 1478.0 085 00550 04.37 34.950 27.73 1478.3 00.369 1478.3 00.360 04.37 34.950 27.73 1478.3 00.369 1478.3 00.360 04.37 34.950 27.74 1478.0 085 00550 04.37 34.980 27.74 1478.0 085 00550 04.37 34.950 27.75 1478.3 1478.3 00.365 1478.3 00.365 04.37 34.950 27.75 1478.3 1478.3 00.365 04.06 34.950 27.75 1478.3 1478.3 00.365 04.06 34.950 27.75 1478.3 1478.3 00.365 04.06 34.950 27.75 1478.3 1478.3 00.365 04.06 34.950 27.75 1478.3 1478.3 00.365 04.06 34.950 27.75 1488.4 1478.4 1478.5 1479									1461.8								
OBS																	
OBS 00154 03.16 34.65.2 27.60 1465.4 1467.8 1865.4 1467.8 1869.2 27.60 1469.1 1								00.164									
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TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

CASTNMYTIME LVLTP			45	8371 0058 23.6N 00.0W	MONT	1974 H 06 30 06-3	BOTOP 01625 SHIP EV DATA USE 1 AREA 05	WET	TEMP 06.2 BULB 06.0 METR 1019.3 D T/A	DIR (00 SEA CL/TI		WIND-DIR WIND-SPD WIND-FOR WEATHER	10	DI	RACE JRA1	STD F DIR ION Oll 6		ORDER D 00.3	5 2	N SQ SQUARI SQUARI SQUARI	E 46
08-3 085 0003 05.09 32.895 26.02 1468.7 085 0005 05.10 32.995 26.03 1468.7 085 0001 07.60 32.995 26.03 1468.7 085 0001 07.60 32.995 26.03 1468.7 085 0001 07.60 32.995 26.05 00.020 1467.5 085 0001 04.78 32.995 26.05 00.020 1467.5 085 0001 04.78 32.995 26.05 00.020 1467.5 085 0002 03.60 32.99 32.99 085 0002 03.60 32.91 02.22 33.10 26.25 085 0003 02.22 33.22 26.55 085 0003 02.22 33.22 26.55 085 0003 02.22 33.22 26.55 085 0003 02.22 33.22 26.55 085 0003 02.22 33.22 26.55 085 0003 02.22 33.22 26.55 085 0003 02.22 33.22 26.55 085 0003 0004 01.70 33.35 085 0003 01.70 33.35 085 0003 00.55 33.43 085 0003 00.55 00.55 33.43 085 0003 00.55 00.55 33.43 085 0003 00.55 00.55 33.43 085 0003 00.55 00.55 33.43 085 0003 00.55 00.55 33.43 085 0003 00.55 00.55 33.43 085 0003 00.55 00.55 00.55 085 0003 00.55 00.55 00.55 00.55 085 0003 00.55 00.	С	AST	NU H/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TO	ГР	NO	2	NO3	5103	PH	
085 0005 05.10 32.906 28.03 1448.7 085 00007 05.60 32.925 26.05 1467.8 085 00010 04.67 32.912 26.05 1467.8 085 00011 04.67 32.912 26.05 1467.8 085 00011 04.67 32.912 26.05 1467.8 085 00012 04.74 32.912 26.10 1467.8 STD 00020 03.86 32.98 26.22 00.039 1443.9 085 00030 02.22 33.22 26.59 1462.8 STD 00030 02.22 33.22 26.59 1467.8 085 00030 02.22 33.22 26.59 1467.8 085 00030 02.22 33.22 26.59 1467.8 085 00030 02.22 33.22 26.59 1467.8 085 00030 02.22 33.22 26.59 1467.8 085 00030 02.40 33.22 26.59 1467.3 085 00030 01.70 33.35.2 26.05 1467.8 085 00030 01.70 33.35.2 26.05 1467.8 085 00030 01.70 33.35.2 26.05 1467.8 085 00030 01.40 33.40 26.93 34.10 1465.3 085 00030 01.40 33.40 26.93 34.2 26.50 1467.8 085 00030 01.40 33.54 26.00 1467.8 085 00049 00.49 33.40 26.93 34.10 1469.2 085 00049 00.49 33.40 26.97 36.00 1469.3 STD 00050 00.44 33.50 26.97 00.00 1469.2 085 00050 00.44 33.94 26.97 00.00 1469.2 085 00060 00.43 33.93 27.25 00.10 1469.2 085 00075 00.44 33.94 27.26 00.10 1469.2 085 00075 00.43 33.94 27.25 00.10 1469.4 085 00170 00.58 34.11 27.36 00.15 1469.4 085 00170 00.58 34.11 27.36 00.15 1469.4 085 00170 00.68 34.11 27.36 00.15 1469.4 085 00170 00.68 34.11 27.36 00.15 1469.4 085 00170 00.68 34.11 27.36 00.15 1469.4 085 00170 00.68 34.11 27.36 00.15 1469.7 085 00150 00.49 30.00 34.10 37.90 27.42 00.15 1469.7 085 00150 00.49 30.00 34.10 37.90 27.42 00.15 1469.7 085 00150 00.49 30.00 34.10 37.90 27.42 00.15 1460.7 085 00150 00.49 30.00 34.10 37.90 27.42 00.15 1460.7 085 00150 00.49 30.00 34.10 37.90 27.42 00.15 1460.7 085 00150 00.49 30.00 34.10 37.90 27.42 00.15 1460.7 085 00150 00.49 30.00 37.60 34.10 37.90 37.90 147.90 37							05.09			00.000	1468.6										
085 00007 05.08 32.922 22.05 1448.7 STD 00010 04.76 32.91 22.00 00.020 1467.8 0001 04.76 32.91 22.00 00.020 1467.8 STD 00020 03.86 32.99 26.22 00.039 1463.9 085 00020 03.86 32.99 33.010 22.27 1462.8 085 00020 03.90 33.81 22.00 12.00 1467.8 085 00030 02.29 33.20 24.55 00.00 1467.8 085 00030 02.22 33.22 26.55 1457.6 085 00030 02.22 33.22 26.55 00.00 1467.5 085 00030 02.22 33.22 26.55 00.00 1467.5 085 00030 02.23 33.11 22.00 1467.8 085 00030 01.91 33.28 26.00 1467.3 085 00030 01.91 33.28 26.00 1467.3 085 00030 01.91 33.28 26.00 1467.3 085 00040 00.65 33.45 26.00 1467.3 085 00040 00.65 33.45 26.00 1467.3 085 00051 00.43 33.45 26.00 1467.3 085 00051 00.43 33.67 27.20 1469.4 085 00051 00.43 33.67 27.20 1449.9 085 00050 00.43 33.67 27.20 1449.9 085 00050 00.43 33.67 27.20 1449.9 085 00050 00.43 33.67 27.20 1449.9 085 00050 00.43 33.67 27.20 1449.9 085 00050 00.43 33.67 27.20 1449.9 085 00050 00.43 33.67 27.20 1449.9 085 00050 00.43 33.67 27.20 00.105 1499.6 085 00050 00.43 33.67 27.20 00.105 1499.9 085 00050 00.43 33.67 27.20 00.105 1499.9 085 00100 00.62 34.11 27.36 00.125 1453.5 085 00000 00.62 34.11 27.36 00.125 1453.5 085 00000 00.62 34.11 27.36 00.				00.3					26.02												
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085 00451 03.76 34.8820 27.69 1473.0 085 00458 04.14 34.885 27.70 0.330 1474.9 085 00500 04.00 34.853 27.69 00.330 1474.9 085 00550 03.88 34.860 27.71 1475.2 STD 00600 03.88 34.886 27.72 00.375 1476.1 085 00601 03.88 34.880 27.72 1477.0 085 00651 03.90 34.880 27.72 1477.0 STD 00700 03.85 34.88 27.73 00.419 1477.6 085 00750 03.95 34.880 27.73 1477.6 085 00750 03.95 34.880 27.73 1477.6 085 00750 03.95 34.880 27.73 1477.6 085 00750 03.97 34.890 27.73 1477.6 085 00750 03.97 34.890 27.74 1479.1 085 00801 03.79 34.890 27.74 1479.1 085 00801 03.79 34.890 27.74 1479.1 085 00801 03.78 34.880 27.77 1479.1 085 00801 03.78 34.890 27.74 1479.9 STD 00900 03.78 34.890 27.74 1479.9 STD 01000 03.78 34.880 27.75 1480.7 085 00901 03.71 34.885 27.75 1480.7 085 00901 03.71 34.885 27.75 1480.7 085 00901 03.67 34.88 27.75 1481.9							03.78	34.820													
STD 00500 04-00 34-85 27-69 00.330 1474-9 085 00550 03-68 34-880 27-71 1475-2 STD 00600 03-88 34-880 27-72 00.375 1476-1 085 00651 03-90 34-880 27-72 1477-0 STD 00700 03-85 34-88 27-73 00-419 1477-6 085 00700 03-85 34-88 27-73 00-419 1477-6 085 00700 03-85 34-88 27-73 1477-6 085 00750 03-90 34-890 27-72 1477-6 STD 00800 03-79 34-89 27-74 1479-1 085 00801 03-79 34-89 27-74 1479-1 085 00801 03-79 34-89 27-74 1479-1 085 00801 03-78 34-890 27-74 1479-1 085 00800 03-78 34-890 27-74 1479-1 085 00801 03-78 34-890 27-74 1479-1 085 00901 03-78 34-890 27-74 1479-1 085 00901 03-78 34-890 27-74 1479-1 085 00901 03-78 34-890 27-74 1479-1 085 00901 03-78 34-890 27-74 1479-1 085 00901 03-78 34-890 27-74 1479-1 085 00901 03-78 34-890 27-74 1479-1 085 00901 03-78 34-890 27-75 1461-2 085 00901 03-71 34-885 27-75 1461-2 085 00901 03-71 34-885 27-75 1461-9																					
085 00500 04.00 34.853 27.69 1474.9 085 00550 03.88 34.880 27.71 1475.2 STD 00600 03.88 34.880 27.72 00.375 1476.1 085 00651 03.90 34.880 27.72 1476.1 085 00700 03.85 34.88 27.73 00.419 1477.6 085 00700 03.85 34.88 27.73 1477.6 085 00750 03.90 34.880 27.73 1478.7 085 00750 03.90 34.880 27.73 1478.7 STD 00800 03.79 34.89 27.73 1478.7 OBS 00801 03.79 34.89 27.74 00.463 1479.1 085 00801 03.79 34.89 27.74 1479.1 085 00805 03.78 34.89 27.74 1479.1 085 00805 03.78 34.89 27.74 1479.1 085 00805 03.78 34.89 27.74 1479.1 085 00807 03.78 34.89 27.74 1479.1 085 00807 03.78 34.89 27.74 1479.1 085 00807 03.78 34.89 27.74 1479.1 085 00807 03.78 34.89 27.75 1480.7 085 00900 03.78 34.89 27.75 1480.7 085 00901 03.71 34.885 27.75 1481.2 STD 01000 03.67 34.885 27.75 1481.2							04.14														
0BS 00550 03.88 34.860 27.71 1475.2 STD 00600 03.88 34.886 27.72 00.375 1476.1 0BS 00601 03.88 34.880 27.72 1476.1 0BS 00651 03.90 34.880 27.72 1477.0 STD 00700 03.85 34.88 27.73 00.419 1477.6 0BS 00750 03.95 34.880 27.73 1477.6 0BS 00750 03.95 34.880 27.73 1477.6 STD 00800 03.79 34.890 27.73 1477.6 STD 00800 03.79 34.890 27.74 1479.1 0BS 00801 03.79 34.890 27.74 1479.1 0BS 00801 03.78 34.890 27.74 1479.1 0BS 00801 03.78 34.890 27.74 1479.9 STD 00900 03.78 34.890 27.74 1479.9 STD 00900 03.78 34.890 27.74 1479.9 STD 00900 03.78 34.890 27.74 1480.7 0BS 00901 03.78 34.890 27.74 1480.7 0BS 00901 03.78 34.880 27.75 1480.7 0BS 00901 03.78 34.880 27.75 1480.7 0BS 00901 03.78 34.880 27.75 1480.7 0BS 00901 03.71 34.885 27.75 1480.7 0BS 00901 03.67 34.880 27.75 1480.9										00.330											
STD 00600 03.88 34.88 27.72 00.375 1476.1 0BS 00601 03.88 34.880 27.72 1476.1 0BS 00601 03.89 34.880 27.72 1477.0 STD 00700 03.85 34.88 27.73 00.419 1477.6 0BS 00700 03.85 34.880 27.73 1477.6 0BS 00750 03.90 34.890 27.73 1477.6 STD 00800 03.79 34.890 27.74 1478.7 OBS 00801 03.79 34.890 27.74 00.463 1479.1 OBS 00801 03.79 34.890 27.74 1479.1 OBS 00800 03.78 34.890 27.74 1479.9 STD 00900 03.78 34.890 27.74 1480.7 OBS 00901 03.78 34.880 27.75 1480.7																					
085 00651 03.88 34.880 27.72 1470.1 085 00651 03.90 34.880 27.72 1477.0 STD 00700 03.85 34.88 27.73 00.419 1477.6 085 00700 03.85 34.88 27.73 1477.6 085 00750 03.60 34.890 27.73 1478.7 STD 00800 03.79 34.890 27.74 00.463 1479.1 085 00801 03.79 34.890 27.74 1479.1 085 00805 03.78 34.890 27.74 1479.9 STD 00900 03.78 34.890 27.74 1479.9 STD 00900 03.78 34.890 27.74 1479.9 STD 00900 03.78 34.890 27.74 1460.7 085 00901 03.78 34.880 27.75 1480.7 085 00901 03.78 34.885 27.75 1481.2 STD 01000 03.67 34.885 27.75 1481.2							03.88			00.375											
STD 00700 03.85 34.88 27.73 00.419 1477.6 085 00750 03.95 34.88 27.73 1477.6 085 00750 03.90 34.890 27.73 1478.7 STD 00800 03.79 34.89 27.74 00.463 1479.1 085 00801 03.79 34.89 27.74 1479.1 085 00805 03.78 34.890 27.74 1479.1 STD 00900 03.78 34.890 27.74 1479.1 STD 00900 03.78 34.890 27.74 1479.1 085 00951 03.71 34.88 27.75 00.552 1481.2 STD 01000 03.67 34.88 27.75 00.552 1481.9 085 01001 03.67 34.88 27.75 00.552 1481.9							03.88	34.880													
085 00700 03.85 34.88U 27.73 1477.6 085 00750 03.90 34.88U 27.73 1478.7 STD 00800 03.79 34.89 27.74 00.463 1479.1 085 00801 03.79 34.89 27.74 1479.1 085 00850 03.78 34.89 27.74 1479.1 STD 00900 03.78 34.89 27.74 1479.9 STD 00900 03.78 34.89 27.74 00.507 1480.7 085 00900 03.78 34.89 27.75 1480.7 085 00951 03.71 34.88 27.75 1481.2 STD 01000 03.67 34.88 27.75 00.552 1481.9 085 01001 03.67 34.88 27.75 1481.9									27.72		1477.0										
085 00750 03.50 34.890 27.73 1478.7 STD 00800 03.79 34.899 27.74 00.463 1479.1 085 00801 03.79 34.890 27.74 1479.1 085 00800 03.78 34.890 27.74 1479.9 STD 00900 03.78 34.890 27.74 1479.9 STD 00900 03.78 34.890 27.74 00.507 1480.7 085 00901 03.71 34.885 27.75 1480.7 STD 01000 03.67 34.88 27.75 1481.9 085 01001 03.67 34.88 27.75 00.552 1481.9 085 01001 03.67 34.880 27.75 1481.9										00.419											
STD 00800 03.79 34.89 27.74 00.463 1479.1 OBS 00801 03.79 34.890 27.74 1479.1 OBS 00805 03.78 34.890 27.74 1479.9 STD 00900 03.78 34.890 27.74 00.507 1480.7 OBS 00900 03.78 34.890 27.74 00.507 1480.7 OBS 00951 03.71 34.885 27.75 1481.2 STD 01000 03.67 34.88 27.75 00.552 1461.9 OBS 01001 03.67 34.880 27.75 1461.9																					
085 00801 03.79 34.890 27.74 1479.1 085 00850 03.78 34.890 27.74 1479.9 STD 00900 03.78 34.89 27.74 00.507 1480.7 085 00900 03.78 34.890 27.74 1480.7 085 00951 03.71 34.885 27.75 1460.7 STD 01000 03.67 34.88 27.75 00.552 1481.9 085 01001 03.67 34.880 27.75 1481.9					STD	00800	03.79	34.89		00.463	1479 - 1										
085 00900 03.78 34.890 27.74 1479.9 STD 00900 03.78 34.89 27.74 00.507 1480.7 085 00901 03.78 34.890 27.74 1480.7 085 00951 03.71 34.885 27.75 1481.2 STD 01000 03.67 34.88 27.75 00.552 1481.9 085 01001 03.67 34.880 27.75 1481.9							03.79	34.890	27.74		1479.1										
085 00900 03.78 34.890 27.74 1460.7 085 00951 03.71 34.885 27.75 1461.2 STD 01000 03.67 34.88 27.75 00.552 1481.9 085 01001 03.67 34.880 27.75 1461.9									27.74		1479.9										
08S 00951 03.71 34.885 27.75 1481.2 STD 01000 03.67 34.88 27.75 00.552 1461.9 08S 01001 03.67 34.880 27.75 1481.9									21.74	00.507											
STD 01000 03.67 34.88 27.75 00.552 1481.9 085 01001 03.67 34.880 27.75 1481.9																					
085 01001 03.67 34.880 27.75 1401.9					STD	01000	03.67		27.75	00.552	1481.9										
							03.67	34.880	27.75												
					082	01024	03.67	34.889	27.75												

REFID 31 8371 CONSEC 0059 LAT 45 30.5N LONG 048 16.0W	MONT DAY	1974 H 06 30 08.6	BOTDP 01055 SHIP EV DATA USE 1 AREA 05	AIR T RET E BARCA CLUUS	SULB 05.4 ETR 1018.6	DIR HI 00 SEA CL/TR	GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	10	TRAC	STD REC E DIR TION 011 661	ORDER D 00.3	5 S 2 S	SQ 1306 QUARE 48 QUARE 58
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SAD VEL	OXY G	P04	TOT P	NO2	N03	\$103	PH
CASTMUM/TIME 08.8	STD OBS	00000 00001 00009 00010 00017 00020 00020 00030 00051 00059 00076 001000 00100	04.76 04.76 04.76 04.77 04.71 04.44 04.22 03.56 02.08 01.77 01.25 0C.57 - 1.23 - 1.29 - 1.34 - 1.35 - 0.14 - 00.16 - 00.36 - 00.37 - 0C.84 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 - 01.46 - 01.69 -	32-67 32-87u 32-87u 32-86 32-86 32-810 32-94u 32-98 33-07 33-070 33-307 33-30 33-45 33-45 33-49 33-49 33-60 33-84 33-99 33-990 33-990 34-11u 34-22 34-23 34-24 34-54 34-54 34-57u	20.04 20.04 26.04 26.04 26.05 26.18 26.32 26.54 26.54 26.54 26.85 26.96 27.08 27.20 27.20 27.25 27.26 27.60 27.60 27.60 27.60 27.60 27.65 27.67 27.67 27.67 27.67 27.67	00.000 00.020 00.038 00.055 00.082 00.112 00.138 00.161 00.182 00.218 00.218 00.277 00.327	1467.2 1467.2 1467.3 1467.3 1467.3 1466.0 1465.1 1464.2 1452.6 1452.6 1452.6 1449.7 1449.7 1441.8 1441.2 1442.3 1441.2 1442.3 1449.0 1452.6 1452.6 1452.3 1457.3 1457.8 1457.8 1457.8 1457.8 1457.8 1457.8 1457.8 1457.8 1457.8 1457.8 1457.8 1457.8 1457.8 1466.3 1466.3 1468.8 1468.8 1468.8 1468.8 1468.9 1468.8 1468.9	OXY G	P04	TOT P	NO2	NO3	\$103	PH
REFID 31 8371	STD OBS STD OBS	00600 00652 00700 00700 00701 00800 00801 00850 00900 00951 01000 01001 01022	03.73 03.72 03.80 03.81 03.61 03.76 03.71 03.65 03.65 03.65 03.65 03.65	34.83	27.7C 27.70 27.72 27.72 27.72 27.73 27.73 27.73 27.74 27.74 27.74 27.74 27.72 27.73		1475.4 1475.4 1476.6 1477.4 1477.5 1478.7 1478.7 1478.7 1480.1 1480.1 1480.1 1480.2 1481.0	WIND-DIR			STD REG			SQ 1306
CONSEC 0060 LAT 45 33.5N LONG 048 26.5N	MONT DAY	H 06 30 11.5	SHIP EV DATA USE II AREA 05	WET 8	OLB 05.3 ETR 1017.9	18 SEA CL/TR	1 2	WIND-SPD WIND-FOR WEATHER	14	DURA	E DIR TION 011 662	00.1	2 5	QUARE 48 QUARE 58
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NG2	NO3	\$103	PH
11.5	STD OBS OBS STD OBS	00000 00000 00000 00010 00011 00017 00020 00022 00026 00030 00030 00030 00050 00050 00050 00076 00100 00100 00100 00125 00125 00150	04.47 04.47 04.26 04.23 04.15 03.58 03.12 02.80 01.83 00.45 - 0.29 - 0.62 - 0.72 - 1.68 - 1.70 - 1.73 - 1.69 - 1.69 - 1.13 - 1.09 - 1.06 - 1.09 - 1.06 - 1.03	32.59 32.592 32.556 32.560 32.650 32.745 32.766 32.766 33.016 33.016 33.025 33.025 33.246 33.267 33.267 33.31 33.354 33.354 33.54 33.554 33.554 33.554 33.554	25.85 25.85 25.87 25.87 25.98 26.09 26.13 26.21 26.33 26.54 26.55 26.55 26.77 26.79 26.83 26.99 26.99 27.00	00.000 00.022 00.042 00.059 00.087 00.119 00.147 00.174 00.201	1466.4 1462.2 1460.4 1459.0 1459.0 1454.7 1446.7 1445.7 1446.2 1443.1 1439.8 1439.8 1440.3 1440.3 1440.3 1440.3 1440.3 1440.3 1440.3							
	OBS	00190	- 0.95	33.603	27.04		1446-1							16

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 83 CONSEC 00 LAT 45 38. LONG 048 39.	61 MONTH	06 30	BOTDP 00091 SHIP EV DATA USE 1 AREA 05		JLB 06.8 TR 1018.1		GT PER 5 6	WIND-DIR WIND-SPD WIND-FOR WEATHER	17	TRAC	STD REC E DIR FION 011 663	00.1	5 2	N SQ 1306 SQUARE 4 SQUARE 48 SQUARE 58
CASTNUM/TIM	E LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXY G	P04	TOT P	NO2	NO3	\$103	PH
12.	STD 6 OBS STD 0BS 0BS 0BS 0BS 0BS STD 0BS 0BS STD 0BS STD 0BS 0BS STD 0BS 0BS STD 0BS 0BS 0BS 0BS 0BS 0BS 0BS 0B	00000 00001 00010 00011 00011 00017 00017 00022 00028 00030 00030 00030 00030 00050 00051 00053 00075 00075	04.92 04.92 04.90 04.83 04.71 03.81 03.06 03.02 02.92 02.14 01.90 01.47 01.35 01.02 00.89 0.70 - 1.46 - 1.45 - 1.45 - 1.45	32.69G 32.66G 32.65G 32.55G 32.75G 32.77G 32.77G 32.77G 32.81 32.89G 32.89G 32.89G 33.215 33.215 33.228	25.88 25.86 25.87 25.87 26.06 26.08 26.12 26.20 26.21 26.28 26.30 26.30 26.37 26.38 26.474	00.000 00.021 00.042 00.060 00.091	1467.4 1468.9 1463.0 1460.0 1459.9 1459.6 1456.3 1455.2 1453.4 1452.9 1451.5 1451.0 1443.8 1440.8							
					*****	*******	•							
REFID 31 83 CONSEC OC LAT 45 42. LONG 048 48.	062 MONTH	06 30	BOTDP 00071 SHIP EV DATA USE 1 AREA 05	HET BE	EMP 06.3 ULB 06.3 ETR 1017.7 T/A	20	2 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	13	TR AC	STD REC E DIR TION Oll 664	00.1	5	N SQ 1306 SQUARE 4 SQUARE 48 SQUARE 58
CASTNUM/TIM	ME LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SAD VEL	OXYG	P04	TCT P	NO2	NO3	\$103	PH
13.	,7 OBS	00000 00003 00010 00011 00017 00020 00022 00028 00030 00030 00030 00047 00055 00060 00070	06.42 06.42 06.41 06.41 06.36 05.75 05.73 04.89 04.37 04.18 03.42 02.99 02.99 01.23 - 0.01 - 0.50 - 0.90 - 1.17	32.640 32.630 32.630 32.660 32.669 32.700 32.580 32.60 32.60 32.60 32.612 32.612 32.612 32.613 32.61	25.06 25.06 25.05 25.05 25.05 25.74 25.79 25.79 25.79 25.79 25.87 25.87 25.87 26.17 26.17 26.17 26.44 26.64 26.66 26.66		1473.8 1473.8 1473.6 1473.6 1471.3 1471.3 1471.3 1471.3 1467.8 1466.9 1466.9 1466.2 1452.7 1452.7 1452.7 1447.1 1444.9 1443.0 1442.3							
REFID 31 83 CONSEC 00 LAY 45 45 LONG 048 58	063 MONTH	1 06 30	BOTOP 00068 SHIP EV DATA USE 1 AREA 05	AIR TE WET BL BAROME CLUUD	JLB 06.7 TR 1016.0	DIR HO 24 G SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	18	TRAC (ORDER D 00.1	5 5	N SQ 1306 SQUARE 4 SQUARE 48 SQUARE 58
CASTNUM/TI	ME LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SAD VEL	OXY G	P04	TCT P	NO2	NO3	£012	PH
14.	-6 OBS OBS STD OBS	00000 00001 00009 00010 00015 00019 00020 00026 00030 00038 00041 00043 00049 00050 00051	06.22 06.22 06.20 06.13 05.52 05.15 04.93 03.86 03.18 03.15 02.52 00.86 00.52 00.27 00.18 00.72	32.51 32.520 32.51 32.450 32.450 32.450 32.470 32.470 32.657 32.657 32.657 32.657 32.785 32.785 32.785 32.785 32.785 32.835 32.835 32.835 32.835 33.040 33.210	25.59 25.59 25.59 25.59 25.62 25.71 25.81 25.81 26.02 26.03 26.03 26.24 26.31 26.34 26.35 26.39 26.58	00.000 00.024 00.048 00.069	1472.7 1472.8 1472.5 1470.0 1468.6 1467.7 1463.3 1461.4 1460.7 1460.7 1450.7 1450.7 1449.3 1447.9 1446.9							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 CONSEC .AT 45 LONG 049	8371 0064 24.0N 07.4H	YEAR MONTH DAY HOUR	06 30	BOTDP 00073 SHIP EV DATA USE 1 AREA 05	AIR TO WET BO BAKDMO CLGUD	JLB 07.3 TR 1015.2	DIR HG 22 2 SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	16	TRACE DURAT	DIR	CORDER 00.1	5 S 2 S	SQ 1306 QUARE 4 QUARE 48 QUARE 59
CASTNUM	TIME (LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXY G	PO4	TCT P	NO2	NO3	\$103	PH
	17.0	STD OBS STD OBS	00000 00001 00010 00011 00017 00020 00022 00028 00030 00030 00034 00038 00040 00043	06.70 06.66 06.58 06.03 04.39 03.99 02.37 02.37 02.25 01.80 01.57 01.36	32.59 32.590 32.58 32.5580 32.550 32.49 32.467 32.690 32.73 32.750 32.750 32.750 32.750 32.820 32.820 32.820	25.58 25.59 25.59 25.64 25.77 25.80 26.04 26.08 26.15 26.18 26.24 26.30 26.32 26.34 26.34 26.39		1463.7 1461.3 1458.9							
		OBS OBS STD OBS OBS	00045 00047 00050 00051 00070	- 0.16 - 0.95 - 1.07 - 1.13 - 1.19 - 1.18	32.943 33.03 33.070 33.100 33.120	26.51 26.58 26.62 26.64 26.66	00.101	1442.8 1442.4 1442.2 1442.3 1442.4							
		OBS	00072	- 1.10	330120		******								
REFID 31 CONSEC	8371 0065		1974 H 06	BOTOP 00068 SHIP EV	WET	SUL5 08.3	23	IGT PER 2 2	WIND-DI	D 13	TR AC	STD R E DIR Tich	ECORDER (5 2	N SQ 1306 SQUARE 4 SQUARE 41
LAT 45	06.0N 14.5W	DAY HOUR	30 19.3	DATA USE I AREA 05	CFFA	METR 1016.2	CL/TA	t	WEATHER	Х9		011 6	67	1	SQUARE 5
CASTNUM	/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA+T	DYNOPTH	SNO VEL	CXY G	P04	T GT F	NO2	NO3	\$103	PH
	19.3	STD OBS	00000 00000 00007 00010 00011 00013 00017 00020 00022 00030 00034 00036 00050 00051	00.95 - 0.27 - 0.36 - 1.05 - 1.18 - 1.24 - 1.24 - 1.25	32.77 32.777 32.77 32.73 32.706 32.667 32.656 32.656 32.656 33.057 33.150 33.160 33.160 33.160 33.160	25.84 25.84 25.86 25.86 25.86 25.98 25.98 25.97 26.18 26.35 26.41 26.60 26.66 26.66 26.66 26.66 26.65 26.65	00.043	1471.4 1471.3 1469.5 1468.6 1467.6 1462.9 1458.1 1455.9 1450.7 1445.1 1442.3 1441.8 1441.8 1441.8							
						***	*******	**							
REFID 3 CONSEC LAT 4- LONG 04-	0060	6 MON N DAY	R 1974 TH 06 30 R 22•2	BOTDP 0006 SHIP EV DATA USE AREA O	WET 1 BAR	TEMP 08. BULB 08. CMETR 1016. JD T/A	O 19 2 SEA CL/T	R	WIND-FO WEATHER	D 10 DR L X2	TRA DUR OR I	E DIR ATION G 011	668	5 1 2	EN SQ 130 SQUARE SQUARE 4 SQUARE 4
	M/TIME	LVLTYP			SAL		DYNDPTH			PO4	TOT	P NO	2 NO3	5103	rn
CASTNU	22.2	STD 085 085 STD	0000 0000 0000 0001 0001	1 06.95 7 06.90 0 06.32	32.62 32.62 32.61 32.59 32.578 32.663	25.58 25.63 25.67 25.81		1475.7 1475.8 1475.6 1473.3 1471.7 1469.4							
CASTNU	2202	OBS OBS OBS OBS OBS OBS OBS	0001 0001 0001 0002 0002 0002 0002	5 05.02 9 03.28 0 02.82 0 02.46 2 01.86 4 01.08 6 00.29	32.646 32.453 32.53 32.585 32.647 32.605 32.836	25.85 25.96 26.03 26.12 26.14 26.36		1460.7 1458.8 1457.3 1454.8 1451.3							
CASTNU	2202	OBS OBS OBS OBS STD OBS OBS OBS	0001 0001 0002 0002 0002 0002	5 05.02 9 03.28 0 02.82 0 02.46 2 01.86 4 01.08 6 00.29 0 - 0.09 0 - 0.14	32.646 32.452 32.53 32.585 32.647 32.605	25.85 25.96 26.03 26.14 26.36 26.52 26.54	00.06	1458.8 1457.3 1454.8 1451.3							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8371 CONSEC 0067 LAT 44 39.0N LONG 049 08.5W	YEAR 1974 MONTH 06 DAY 30 HOUR 23.5	BOTDP 00241 SHIP EV DATA USE 1 AREA 05	AIK TEMP WET BULB BAKOMETR CLGUD T/A	08.2 07.8 1016.2	DIR HO 22 I SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	10	TRACE DURAT		ORDER D 00-1	5 2	N SQ 1306 SQUARE 2 SQUARE 48 SQUARE 49
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIG	MA-T [DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	N03	\$103	PH
CASTNUM/TIME 23.5	STD 00000 OBS 00011 OBS 00012 OBS 00020 OBS 00022 OBS 00024 OBS 00026 STD 00030 OBS 00030 OBS 00030 OBS 00030 OBS 00030 OBS 00036 OBS 00051 STD 00075 OBS 00105 OBS 00105 OBS 00105 OBS 00105 OBS 00155 OBS 00155 OBS 00155 OBS 00155 OBS 00155 OBS 00175 STD 00175	04.76 04.75 04.76 04.75 04.65 03.83 03.42 02.69 02.59 01.87 01.27 01.20 00.77 00.13 - 0.22 - 0.42 - 0.97 - 1.13 - 1.143 - 1.45 - 1.48 - 1.48 - 1.48 - 1.48 - 1.48 - 1.51 - 1.30 - 1.29 - 0.77 - 0.34	32.72 25 32.72 25 32.72 25 32.70 25 32.70 25 32.66 25 32.66 26 32.71 26 32.67 26 32.87 26 32.87 26 32.87 26 32.87 26 32.87 26 32.87 26 32.87 26 32.87 26 32.87 26 32.87 26 33.16 26 33.16 26 33.16 26 33.16 26 33.16 26 33.24 26 33.24 26 33.24 26 33.25 26 33.25 26 33.27 26 33.28 26 33.28 26 33.27 26 33.28 26 33.28 26 33.29 26 33.29 26 33.29 26 33.44 26 33.44 26 33.44 26 33.44 26 33.44 26 33.44 26 33.44 26 33.44 26	.92 .92 .92 .92 .92 .94 .01 .13 .17 .35 .35 .36 .36 .36 .36 .36 .37 .77 .77 .77 .77 .77 .79 .80 .92	00.000 00.021 00.041 00.060	1467.0 1467.0 1467.0 1467.0 1466.7 1463.3 1461.6 1458.0 1452.0 1452.0 1452.3 1450.4 1447.5 1446.0 1442.9 1442.3 1440.0 1441.8 1441.8 1441.8 1441.8 1442.1 1442.1 1442.1	0 XY G	PG4	TOT P	NO2	NO3	\$103	PH
	OBS 00201 OBS 00226 OBS 00232	- 0.32 - 0.15 - 0.14	33.811 27	.14 .18 .18		1449.4 1450.7 1450.8							
				*****	******	•							
REFID 31 8371 CONSEC 0068 LAT 44 36-2N LONG 048 57-0W	YEAR 1974 MONTH 07 DAY 01 HOUR 00.8	BOTOP 01400 SHIP EV DATA USE 1 AREA 05	AIR TEMP WET BULB BARCMETR CLIUD T/A			GT PER 2 Z	WIND-DIR WIND-SPD WIND-FOR WEATHER	10	TRACE DURAT		00 -4	5 2	EN SQ 1306 SQUARE 2 SQUARE 48 SQUARE 48
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIG	MA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	РН
00.8	STD 00000 OBS 00003 OBS 00001 CBS 00011 CBS 00011 CBS 00012 STD 00020 STD 00030 OBS 00032 OBS 00032 OBS 00036 OBS 00050 CBS 00050 OBS 00100 STD 00105 STD 00105 STD 00105 STD 00155 OBS 00256 OBS 00400 OBS 00400 OBS 00401 OBS 00401	04.68 03.06 02.91 02.50 00.77 -0.88 -1.17 -1.63 -1.71 -1.57 -1.57 -1.57 -1.51	32.660 25 32.669 26 32.699 26 32.97 26 32.97 26 33.08 26 33.11 26 33.260 33.31 26 33.32 26 33.32 26 33.38 26 33.39 26 33.39 26 33.39 26 33.39 26 33.49 26 33.57 33.89 26 33.49 26 33.30 26 33.49 26 33.40 26 33.40 26 33.40 26 33.40 26 33.40 26 33.40 26 33.40 26 33.40 26 33.40 26 33.40 26 33.40 26 33.40 26 33.40 26 33.40 26 33.40 26 33.40 26 33.40	.86 .06 .01 .45 .44 .44 .65 .88 .88 .88 .88 .88 .88 .88 .88 .88 .8	00.243 00.261 00.312 00.365 00.414 00.508 00.554 00.599	1466.6 1459.9 1459.9 1459.1 1457.5 1451.0 1457.5 1451.0 1440.8 1439.8 1440.4 1441.8 1442.1 1442.1 1442.1 1442.1 1442.1 1442.1 1442.1 1442.1 1445.3 1448.8 1470.7 1470.7 1470.7 1470.7 1470.7 1477.7 1477.7 1477.7 1477.7 1477.7 1477.7 1477.7 1477.7 1477.7 1479.9 1480.6 1481.2 1481.2 1481.2 1481.2 1481.2 1481.2 1481.2 1481.2 1481.2 1481.2 1481.2 1481.2 1481.2 1481.2							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

CASTMONTINE LYLTYP DEPTH TEMP SAL SIGNAT DYNOPTH SAD VEL DAYG POA TOT P NG2 NG3 S103 PH			MONT	1974 H 07 01 02.3	BOTDP 01900 SHIP EV DATA USE 1 AREA 05	AIR 1 WET I BARDI CL GUI		20	GT PER 2 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	12	TRACE DURAT		00 .4	5 2	N SQ 1306 SQUARE 2 SQUARE 48 SQUARE 49
023 085 00003 05.17 32.776 25.91 1466.8 085 00007 05.16 02.76 02.76 02.76 02.76 085 00011 04.54 32.76 25.93 085 00011 04.55 32.76 25.99 085 00012 04.64 32.76 25.99 085 00012 04.64 32.776 25.99 085 00012 04.64 32.776 25.99 085 00012 05.22 32.876 25.99 085 00002 05.22 32.876 26.17 06.00 1466.2 085 00002 05.22 32.876 26.17 06.10 1466.2 085 00002 05.22 32.876 26.17 06.10 1466.2 085 00002 05.22 32.876 26.17 06.10 1466.2 085 00002 05.22 32.876 26.17 06.10 1466.2 085 00003 02.25 32.876 26.17 06.10 1466.2 085 00003 02.25 32.876 26.17 06.10 1466.2 085 00000 02.25 32.876 26.17 06.10 1466.2 085 00000 02.25 32.876 26.17 06.10 1466.2 085 00000 02.25 32.876 26.17 06.17 1466.2 085 00000 02.25 32.876 26.17 06.17 1466.2 085 00000 02.25 32.876 26.17 1466.2 085 00000 02.25 32.876 26.17 1466.2 085 00000 02.25 32.876 26.17 1466.2 085 00000 02.25 32.876 26.17 1466.2 085 00000 02.25 32.876 26.17 1466.2 085 00000 02.25 32.876 26.17 1466.2 085 00000 02.25 32.876 26.17 1466.2 085 00000 02.25 32.276 26.17 1466.2 085 00000 02.25 11.07 33.100 36.72 085 00000 02.25 11.07 33.100 36.72 085 00000 02.25 11.07 33.100 36.72 085 00000 02.25 11.07 33.100 36.72 085 00000 02.25 11.07 33.100 36.72 085 00000 02.25 11.07 33.100 36.72 085 00000 02.25 11.07 33.100 36.72 085 00000 02.25 11.07 33.100 36.72 085 00000 02.25 11.07 33.100 36.72 085 00000 02.25 11.07 33.100 36.72 085 00000 02.25 11.07 33.100 36.70 085 00000 02.25 11.07 33.100 36.70 085 00000 02.25 11.07 33.100 36.70 085 00000 02.25 11.07 33.100 36.70 085 00000 02.25 11.07 33.100 36.70 085 00000 02.25 11.07 33.100 36.70 085 00000 02.25 11.07 33.100 36.70 085 00000 02.25 11.07 33.100 36.70 085 00000 02.25 11.07 33.100 36.70 085 00000 02.25 11.07 33.100 36.70 085 00000 02.25 11.07 33.100 36.70 085 00000 02.25 11.07 33.100 36.70 085 00000 02.25 11.07 33.100 36.70 085 00000 02.25 11.07 33.100 36.70 085 00000 02.25 11.07 38.100 085 00000 02.25 11.07 38.100 085 00000 02.25 11.07 38.100 085 0000	CASTNUM/TI	ME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SAD VEL	DXY G	P04	TOT P	NO2	NO3	\$103	РН
085 00009 04.69 32.736 25.93 1466.9 085 0010 04.26 32.736 25.79 085 0010 04.26 32.786 26.02 085 00110 04.26 32.786 26.02 085 00110 04.26 32.786 26.02 085 00110 04.26 32.786 26.02 085 00120 05.11 32.836 26.02 085 00120 05.12 32.832 27.02 26.15 085 00120 05.22 32.82 27.02 26.15 085 00120 05.22 32.82 27.02 26.15 085 00120 05.22 32.82 27.02 26.25 085 00120 05.22 32.83 27.02 26.25 085 00120 05.23 32.80 26.23 085 00120 05.24 32.496 26.25 085 00120 05.24 32.496 26.31 085 00120 05.24 32.496 26.31 085 00120 05.24 32.496 26.31 085 00120 05.24 32.496 26.31 085 00120 05.24 32.496 26.31 085 00120 05.24 32.496 26.31 085 00120 05.25 31.20 26.25 085 00120 05.25 31.20 26.25 085 00120 05.25 31.20 26.25 085 00120 05.25 31.20 26.25 085 00120 05.25 31.20 26.25 085 00120 05.25 31.20 26.25 085 00120 05.25 31.20 26.20 085 00120 05.25 31.20 26.20 085 00120 05.25 31.20 26.20 085 00100 05.25 1.142 33.20 26.80 085 00100 05.25 1.142 33.20 26.80 085 00100 05.25 1.144 33.20 26.80 085 00100 05.25 1.144 33.20 26.80 085 00100 05.25 1.144 33.20 26.80 085 00100 05.25 1.144 33.20 26.80 085 00100 05.25 1.144 33.20 26.80 085 00100 05.25 1.144 33.20 26.80 085 00100 05.25 1.144 33.20 26.80 085 00100 05.25 1.144 33.20 26.80 085 00100 05.25 1.144 33.20 26.80 085 00100 05.25 1.144 33.20 26.80 085 00100 05.25 1.144 33.20 26.80 085 00100 05.25 1.144 33.20 26.80 085 00100 05.25 1.144 33.20 26.80 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.21 27.05 085 00100 05.25 33.25 32.25 085 00100 05.25 33.25 32.25 085 00100 05.25 33.25 32.25 085 00100 05.25	02	. 3	085	00003	05.17	32.770	25.91	00.000	1468.8							
OBS			OBS	00009	04.69	32.730	25.93		1466.9							
OBS								00.021								
OBS																
CBS			OBS	00019	03.31	32.830	26.15		1461.3							
085 00024 02.66 32.490 26.25 1459.4 085 00026 02.61 32.920 26.27 085 00026 02.62 32.940 26.27 085 00030 02.62 22.45 32.940 26.27 085 00034 01.63 32.896 26.33 085 00034 01.63 32.896 26.33 085 00038 06.68 33.120 26.56 1451.4 085 00038 06.68 33.120 26.57 1451.2 085 00050 085 00051 1.1-26 33.27 26.77 085 00050 1.1-26 33.27 26.77 085 00051 1.1-27 33.200 26.72 1441.4 1441.4						32.85	26.17	00.040								
085 00026 02.61 32.92 26.77 1459.4 1459.2 100.08 100.09 1459.2 100.08 100.09 12.5 12.5 12.99 26.80 11.99.2 100.08 100.09 12.95 13.12 12.0 1459.2 11.99																
OBS 00034 02.45 32.946 26.33 1.457.9 OBS 00034 01.63 32.996 26.33 1.457.9 OBS 00034 01.63 32.996 26.33 1.454.3 OBS 00034 01.63 32.196 26.73 1.451.2 OBS 00043 - 0.53 33.10 26.67 1.451.2 OBS 00043 - 0.53 33.10 26.67 1.449.9 OBS 00050 - 1.67 33.200 26.87 1.449.9 OBS 00050 - 1.8 23.27 26.77 00.088 1.444.9 OBS 00050 - 1.41 33.410 26.90 00.188 1.441.0 OBS 00062 - 1.41 33.410 26.90 00.188 1.441.0 OBS 00104 - 0.78 33.60 27.07 1.441.5 OBS 00106 - 0.78 33.60 27.07 1.445.9 OBS 00109 - 0.89 33.55 27.07 1.445.9 OBS 00109 - 0.89 33.55 27.07 1.445.9 OBS 00109 - 0.89 33.750 27.01 1.445.9 OBS 00109 - 0.89 33.750 27.01 1.446.9 OBS 00129 - 0.8 33.770 27.14 00.188 1.447.8 OBS 00129 - 0.8 33.750 27.07 1.446.9 OBS 00140 - 0.18 33.460 27.79 00.189 1.447.8 OBS 00140 - 0.18 33.460 27.79 00.189 1.447.8 OBS 00159 - 0.18 34.600 27.79 00.189 1.447.8 OBS 00159 - 0.18 34.600 27.79 00.189 1.445.9 OBS 00159 - 0.18 34.100 27.30 00.189 1.452.9 OBS 00159 00.78 34.110 27.37 1.454.2 OBS 00159 0.17 34.350 27.74 1.454.2 OBS 00159 0.17 34.350 27.75 1.459.4 OBS 00159 0.17 34.350 27.74 1.455.7 OBS 00190 0.189 34.100 27.30 00.189 1.452.9 OBS 00190 0.17 34.350 27.74 1.455.7 OBS 00190 0.17 34.350 27.75 1.450.2 OBS 00190 0.17 34.350 27.76 1.459.4 OBS 00190 0.17 34.350 27.76 1.459.4 OBS 00190 0.17 34.350 27.76 1.459.4 OBS 00190 0.17 34.350 27.75 1.460.2 OBS 00200 0.24 34.450 27.75 1.460.2 OBS 00200 0.34 34.80 27.75 1.460.2 OBS 00210 0.39 34.450 27.75 1.460.2 OBS 00210 0.39 34.450 27.77 1.479.4 OBS 00200 0.39 34.850 27.77 1.479.4 OBS 00210 0.39 34.850 27.77 1.479.4 OBS 00200 0.39 34.850 27.77 1.479.4 OBS 00200 0.30 38 34.800 27.77 1.47			OBS	00026	02.81	32.924	26.27		1459.4							
OBS 00034 01.63 32.896 26.33 1454.3 OBS 00036 0.055 33.120 26.56 1451.6 OBS 00036 0.055 33.120 26.56 1451.6 OBS 00036 0.055 33.120 26.57 1451.6 OBS 00045 - 1.07 33.205 26.72 STD 00050 - 1.36 33.205 26.72 OBS 00051 - 1.47 33.205 26.73 OBS 00051 - 1.42 33.200 26.80 OBS 00052 - 1.44 33.200 26.80 OBS 00052 - 1.44 33.200 26.80 OBS 00062 - 1.44 33.200 26.80 OBS 00100 - 0.92 33.63 27.00 OBS 00100 - 0.92 33.63 27.00 OBS 00100 - 0.98 33.645 27.07 OBS 00100 - 0.99 33.710 27.11 1446.0 OBS 00110 - 0.99 33.710 27.11 1446.0 OBS 00110 - 0.99 33.710 27.10 1446.0 OBS 00110 - 0.99 33.70 27.07 OBS 00120 - 0.21 33.90 27.07 OBS 00120 - 0.23 33.90 27.07 OBS 00120 - 0.21 33.90 27.07 OBS 00140 - 0.21 33.90 27.07 OBS 00150 00.44 34.00 27.29 OBS 00160 01.02 34.10 27.39 OBS 00160 01.02 34.10 27.39 OBS 00160 01.29 34.20 27.44 OBS 00160 01.29 34.40 27.51 OBS 00160 01.29 34.40 27.51 OBS 00160 01.29 34.40 27.51 OBS 00160 01.29 34.40 27.50 OBS 00160 01.39 34.80 27.70 OBS 00160 01.30 34.80 34.90 27.70 OBS 00160 01.30 34.80 34.90 27.70 OBS 00160 01.30 34.80								00.058								
DBS																
OBS O0043			DBS	00036	OC.95		26.56		1451.6							
OBS																
STD 00050 - 1.36 33.27																
085 00055 - 1.41 33.320 26.83								00.088								
085 00062 - 1.41 33.410 26.90 STD 00075 - 1.36 33.50 26.97 00.118 1442.1 STD 00075 - 1.36 33.50 27.00 00.148 1442.1 STD 00100 - 0.92 33.63 27.00 00.144 1444.8 085 00104 - 0.78 33.655 27.07 1445.5 085 00108 - 0.78 33.655 27.07 1445.5 085 00108 - 0.78 33.655 27.07 1445.5 085 00119 - 0.59 33.710 27.11 1 1446.6 085 00119 - 0.38 33.710 27.11 1 1446.6 085 00119 - 0.38 33.710 27.11 1 1448.7 085 00129 - 0.23 33.810 27.16 1 1448.7 085 00129 - 0.23 33.810 27.16 1 1448.7 STD 00150 00.44 34.00 27.29 00.189 1452.4 085 00150 00.44 34.00 27.29 00.189 1452.4 085 00150 00.44 34.00 27.29 1 1452.5 085 00169 01.02 34.160 27.39 1452.5 085 00169 01.22 34.160 27.39 1455.5 085 00190 01.38 34.250 27.44 1457.6 085 00190 01.38 34.250 27.44 1457.6 085 00190 01.72 34.330 27.48 1459.4 085 00190 01.72 34.330 27.48 1459.4 085 00200 01.72 34.330 27.48 1459.4 085 00200 01.72 34.330 27.48 1459.4 085 00200 01.72 34.330 27.48 1459.4 085 00200 01.72 34.330 27.48 1459.4 085 00200 01.72 34.330 27.48 159.9 085 00216 02.29 34.455 27.52 00.255 1463.3 085 00216 02.29 34.455 27.52 00.255 1463.3 085 00210 03.62 34.650 27.75 0 0.469 1471.7 085 00200 03.62 34.650 27.75 0 0.469 1471.7 085 00500 03.62 34.650 27.75 0 0.469 1471.7 085 00500 03.62 34.650 27.75 0 0.475 1471.7 085 00500 03.62 34.650 27.75 0 0.475 1471.7 085 00500 03.62 34.650 27.75 0 0.475 1471.7 085 00500 03.62 34.650 27.75 0 0.469 1471.7 085 00500 03.62 34.650 27.71 0 0.469 1471.7 085 00500 03.62 34.650 27.71 1 00.469 1471.7 085 00500 03.62 34.650 27.71 1 00.469 1471.7 085 00500 03.62 34.650 27.71 1 00.469 1471.7 085 00500 03.62 34.650 27.71 1 00.469 1471.7 085 00500 03.62 34.650 27.71 1 00.469 1471.7 085 00500 03.62 34.650 27.71 1 00.469 1471.7 085 00500 03.62 34.650 27.71 1 00.469 1471.7 085 00500 03.62 34.650 27.71 1 00.469 1471.7 085 00500 03.62 34.650 27.71 1 00.469 1471.7 085 00500 03.62 34.650 27.71 1 00.469 1471.7 085 00500 03.68 34.690 27.71 1 00.469 1471.7 085 00500 03.68 34.690 27.71 1 00.469																
STD 00075 - 1.36 33.50																
STD 00100 - 0.92 33.63 27.06 00.144 1444.8 085 00106 - 0.78 33.655 27.07 1445.5 085 00106 - 0.62 33.655 27.07 1445.5 085 00108 00108 - 0.62 33.655 27.07 1446.0 085 00108 00109 - 0.62 33.655 27.01 1446.0 085 00119 - 0.38 33.755 27.14 1447.8 085 00119 - 0.38 33.755 27.14 1447.8 085 00119 - 0.23 33.810 27.18 1448.3 085 00119 - 0.23 33.810 27.18 1448.7 085 00129 - 0.23 33.810 27.18 1448.7 085 00150 00.44 34.00 27.29 00.189 1452.4 085 00150 00.44 34.00 27.29 00.189 1452.5 085 00150 00.44 34.00 27.29 00.189 1452.5 085 00150 00.46 34.00 27.29 00.189 1452.5 085 00150 00.46 34.00 27.29 00.189 1452.5 085 00150 00.46 34.00 27.29 00.189 1452.5 085 00150 00.129 40.20 34.10 27.30 1452.5 085 00150 00.23 34.10 27.30 1452.5 085 00150 00.23 34.10 27.30 1452.5 085 00150 00.23 34.250 27.44 1457.1 085 00150 00.23 34.250 27.44 1457.1 085 00150 00.20 01.22 34.336 27.48 1459.4 1457.6 085 00150 01.23 34.336 27.48 1459.4 1457.6 085 00150 01.23 34.336 27.48 1459.4 14								00.118								
DBS					- 0.92			00.144								
085 00108 - 0.69 33.655 27.07 1446.0 085 001109 - 0.59 33.716 27.11 1446.6 085 001109 - 0.38 33.776 27.11 1446.6 085 001109 - 0.38 33.776 27.15 00.168 1448.3 085 00129 - 0.28 33.810 27.18 01.447.8 085 00129 - 0.23 33.810 27.18 01.448.7 085 00129 - 0.23 33.810 27.30 1448.7 085 00150 00.44 34.00 27.30 1449.2 085 00150 00.44 34.00 27.29 00.189 1452.4 085 00150 00.44 34.00 27.30 1452.5 085 00159 00.77 34.110 27.33 1455.5 085 00159 00.78 34.110 27.33 1455.5 085 00159 00.18 34.20 27.30 1455.5 085 00159 00.129 34.20 27.44 1457.1 085 00190 01.129 34.33 27.48 00.224 1457.4 085 00190 01.72 34.33 27.48 00.224 1459.4 085 00200 01.72 34.33 27.48 00.224 1459.4 085 00201 01.72 34.33 27.48 00.224 1459.4 085 00213 01.50 34.340 27.51 1460.5 085 00213 01.50 34.340 27.51 1460.5 085 00250 02.39 34.45 27.52 1460.3 085 00250 02.39 34.45 27.52 1463.4 085 00277 02.27 34.340 27.55 1463.4 085 00277 02.27 34.340 27.55 1463.4 085 00277 02.27 34.340 27.55 1463.4 085 00270 03.33 34.45 27.52 1463.4 085 00270 03.33 34.45 27.52 1463.4 085 00250 03.33 34.45 27.52 1463.4 085 00271 03.33 34.45 27.52 1463.4 085 00271 03.33 34.45 27.52 1463.4 085 0050 03.33 34.45 27.52 1463.4 085 0050 03.33 34.45 27.52 1463.4 085 0050 03.48 34.85 27.59 00.28 1483.9 085 0050 03.48 34.85 27.59 00.28 1483.9 085 0050 03.48 34.86 27.59 00.37 1473.2 085 0050 03.48 34.86 27.59 00.37 1473.2 085 0050 03.48 34.86 27.79 00.37 1473.2 085 0050 03.48 34.86 27.79 1474.5 085 0050 03.88 34.86 27.71 1475.9 085 0050 03.88 34.86 27.71 1475.9 085 0050 03.88 34.89 27.71 1475.9 085 0050 03.88 34.89 27.71 1475.9 085 0050 03.88 34.89 27.77 148.11																
085 00110					- 0.69											
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085								00 377								
08S 00550 03.71 34.823 27.70 1474.5 STD 00600 03.83 34.85 27.71 00.423 1475.8 08S 00601 03.83 34.850 27.71 1475.9 08S 00651 03.88 34.860 27.71 1476.9 STD 00700 03.92 34.87 27.71 00.469 1477.9 08S 00750 03.90 34.880 27.72 1477.9 08S 00750 03.90 34.880 27.72 1477.9 STD 00800 03.87 34.89 27.73 00.514 1479.4 08S 00801 03.87 34.89 27.73 1479.4 08S 00800 03.87 34.89 27.73 1479.4 08S 00800 03.88 34.90 27.73 1480.2 STD 00900 03.88 34.90 27.74 00.559 1481.1 08S 00901 03.88 34.90 27.75 1481.1 08S 00901 03.82 34.900 27.75 1481.1 08S 00901 03.83 34.90 27.75 1481.7 STD 01000 03.81 34.90 27.75 1481.7 STD 01000 03.81 34.90 27.75 1481.5			OBS					00.311								
085 00601 03.83 34.850 27.71 1475.9 085 00651 03.88 34.860 27.71 1476.9 STD 00700 03.92 34.87 27.71 00.469 1477.9 085 00700 03.92 34.87 27.71 1477.9 085 00750 03.90 34.880 27.72 1478.7 STD 00800 03.87 34.89 27.73 00.514 1479.4 085 00801 03.87 34.89 27.73 1479.4 085 00801 03.87 34.890 27.73 1479.4 085 00850 03.88 34.890 27.73 1460.2 STD 00900 03.88 34.90 27.74 00.559 1481.1 085 00901 03.88 34.90 27.75 1481.1 085 00901 03.81 34.90 27.75 1481.1 STD 01000 03.81 34.90 27.75 1481.7 STD 01000 03.81 34.90 27.75 1481.7 STD 01000 03.81 34.90 27.75 1481.7			DBS	00550	03.71	34.823	27.70									
085 00651 03.88 34.860 27.71 1476.9 STD 00700 03.92 34.87 27.71 00.469 1477.9 085 00700 03.92 34.87 27.71 1477.9 085 00750 03.90 34.880 27.72 1478.7 STD 00800 03.87 34.89 27.73 00.514 1479.4 085 00850 03.86 34.890 27.73 1479.4 085 00850 03.88 34.90 27.73 1479.4 085 00900 03.88 34.90 27.73 1481.1 085 00900 03.88 34.90 27.74 00.559 1481.1 085 00901 03.82 34.900 27.75 1481.7 STD 01000 03.81 34.90 27.75 1481.7 STD 01000 03.81 34.90 27.75 1481.7 STD 01000 03.81 34.90 27.75 1481.7 STD 01000 03.81 34.900 27.75 1481.7								00.423								
085 00700 03.92 34.87C 27.71 1477.9 085 00750 03.90 34.8860 27.72 1478.7 STD 00800 03.87 34.89 27.73 00.514 1479.4 085 00801 03.87 34.890 27.73 1479.4 085 00850 03.86 34.890 27.73 1479.4 STD 00900 03.88 34.90 27.73 1460.2 STD 00900 03.88 34.90 27.74 00.559 1461.1 085 00901 03.82 34.900 27.75 1481.7 STD 01000 03.81 34.900 27.75 1481.7 STD 01000 03.81 34.900 27.75 00.604 1482.5																
08S 00750 03.90 34.880 27.72 1478.7 STD 00800 03.87 34.89 27.73 00.514 1479.4 08S 00801 03.87 34.890 27.73 1479.4 08S 00850 03.86 34.890 27.73 1460.2 STD 00900 03.88 34.90 27.74 00.559 1481.1 08S 00901 03.82 34.900 27.74 1481.1 08S 00951 03.82 34.900 27.75 1481.7 STD 01000 03.81 34.90 27.75 00.604 1482.5 08S 01001 03.81 34.900 27.75 1482.5						34.87		00.469								
\$TD 00800 03.87 34.89 27.73 00.514 1479.4 0BS 00801 03.87 34.890 27.73 1479.4 0BS 00850 03.88 34.890 27.73 1460.2 \$TD 00900 03.88 34.90 27.74 00.559 1461.1 0BS 00900 03.88 34.90 27.75 1481.1 0BS 00951 03.82 34.900 27.75 1481.7 \$TD 01000 03.81 34.90 27.75 00.604 1482.5 0BS 01001 03.81 34.900 27.75 1482.5						34.880										
08S 00850 03.86 34.890 27.73 1480.2 STD 00900 03.88 34.900 27.74 00.559 1481.1 08S 00901 03.88 34.900 27.74 1481.1 08S 00951 03.82 34.900 27.75 1481.7 STD 01000 03.81 34.900 27.75 00.604 1482.5 08S 01001 03.81 34.900 27.75 1482.5			STD	00800	03.87	34.89	27.73	00.514	1479.4							
STD 00900 03.88 34.90 27.74 00.559 1481.1 085 00900 03.88 34.900 27.74 1481.1 085 00951 03.82 34.900 27.75 1481.7 STD 01000 03.81 34.900 27.75 00.604 1482.5 085 01001 03.81 34.900 27.75 1482.5																
085 00900 03.88 34.900 27.74 1481.1 085 00951 03.82 34.900 27.75 1481.7 STD 01000 03.81 34.90 27.75 00.604 1482.5 085 01001 03.81 34.900 27.75 1482.5								00.559								
08S 00951 03.82 34.900 27.75 1481.7 STD 01000 03.81 34.90 27.75 00.604 1482.5 08S 01001 03.81 34.900 27.75 1482.5			OBS	00900	03.88	34.900	27.74	/	1481.1							
OBS 01001 03.81 34.900 27.75 1482.5					03.82	34.900	27.75	00.451								
							27-75	00.604								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID CONSE LAT LONG	C 44	8371 0070 30.2N 25.3W	MONT	1974 H 07 01 05.3	BOTDP 03021 SHIP EV DATA USE 1 AREA 05	AIR WET BARO CLGU		DIR HO 00 SEA CL/TR	GT PER O X	WIND-DIR WIND-SPO WIND-FOR WEATHER	10	TRACÉ DURAT		00 • 5	5 2	N SQ 130 SQUARE SQUARE 4 SQUARE 4
CAS	TNUM	/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNC VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
			STD	00000	08.53	32.91	25.52	00.000	1483.7							
		05.3	085	00000	08.93	32.916	25.52		1483.7							
			OBS STD	00007	08.53 08.64	32.910 32.87	25.52 25.53	00.025								
			OBS	00011	08.49	32.855	25.54	000000	1482.2							
			OBS	00017	07.99	32.855	25.61		1480.4							
			STD	00020	06.39	32.75	25.75	00.048	1474.0							
			OBS OBS	00020	05.77 04.28	32.700	25.79 25.86		1471.4							
			085	00024	03.23	32.883	26.20		1461.1							
			STD	00030	02.38	33.04	26.39	00.068	1457.7							
			OB\$	00030	.02.31	33.050	26.41	00 007	1457.5							
			STD	00050	00.57	33.32 33.340	26.74 26.77	00.097	1450.4							
			085	00059	- 0.75	33.470	26.93		1444.7							
			OBS	00068	00.75	33.650	27.00		1452.0							
			085	00072	00.69	33.690	27.03	00 137	1451.8							
			STD	00075	00.94 00.98	33.69 33.720	27.02 27.04	00.127	1453.0 1453.3							
			085	00079	00.88	33.750	27.07		1452.9							
			OBS	00091	00.95	33.790	27.10		1453.4							
			085	00093	00.88	33.980	27.26		1453.4							
			DBS STD	00095	01.18 01.53	34.000	27.25 27.26	00.150	1454.8 1456.5							
			OBS	00104	01.77	34.065	27.26	000130	1457.7							
			OBS	00110	01.93	34.090	27.27		1458.5							
			DBS	00118	02.72	34.200	27.29		1462.3							
			STD	00125 00129	02.76 02.79	34.20 34.200	27.29 27.29	00.171	1462.6							
			085	00124	02.54	34.190	27.30		1461.7							
			OBS	00137	02.51	34.200	27.31		1461.7							
			DBS	00139	02.83	34.260	27.33		1463.2							
			STD	00150 00152	02.78 02.77	34.28 34.282	27.35 27.36	00.190	1463.1							
			OBS	00169	02.69	34.355	27.42		1463.2							
			OBS	00175	03.22	34.430	27.43		1465.7							
			085	00192	03.26	34.487	27.47		1466.2							
			OBS	00200	03.10 03.06	34.51 34.520	27.51 27.52	00.223	1465.7							
			085	00205	03.27	34.540	27.51		1466.5							
			085	00209	03.04	34.53C	27.53		1465.6							
			OBS	00218	03.72	34.630	27.54		1468.8							
			OBS	00222 00228	03.54	34.62U 34.64C	27.55 27.54		1468.1							
			STD	00250	04.26	34.74	27.57	00.252								
			OBS	00251	04.28	34.746	27.57		1471.8							
			085	00253	04.30	34.740	27.57		1471.9							
			OBS	00264	03.64	34.662	27.58 27.61		1469.2							
			STD	00300	04.28	34.80	27.62	00.279	1472.7							
			OBS	00300	04.29	34.800	27.62		1472.8							
			OBS OBS	00327	04.33	34.830 34.906	27.64		1473.4							
			OBS	00350	04.73 04.71	34.900	27.65		1475.5							
			STD	00400	04.64	34.91	27,67	00.328	1476.0							
			OBS	00401	04.64	34.916	27.67		1476.0							
			OBS STD	00451	04.55	34.920 34.92	27.68 27.69	00.376	1476.5							
			085	00500	04.46	34.920	27.69	00.510	1476.9							
			OBS	00550	04.34	34.920	27.71		1477.2							
			STD	00600	04.26	34.93	27.72	00.421								
			OBS OBS	00601 00651	04.26 04.10	34.927 34.910	27.72 27.73		1477.8							
			STD	00700	04.01	34.91	27.74	00.465	1478.3							
			OBS	00700	04.01	34.910	27.74		1478.3							
			OBS	00751	04.03	34.926	27.74	00.509	1479.3							
			STD OBS	00800	04.00	34.92 34.92	27.74 27.74	00.509	1480.0							
			OBS	00850		34.910	27.75		1480.4							
			STD	00900	03.90	34.92	27.75	00.553								
			08S	00900		34.926	27.75		1481.2 1481.7							
			STD	01000		د34.90 34.91	27.75 27.76	00.597	1482.3							
			OBS	01001	03.76	34.910	27.76		1482.3							
			OBS	01022	03.78	34.912	27.76		1462.7							

	8371 0071 27.0N 07.0W	MONT	1974 H 07 01 08.6	BOTDP 03435 SHIP EV DATA USE 1 AREA 05	WET BARO		OIR H OO SEA CL/TR		WIND-DIR WIND-SPO WIND-FOR WEATHER	10	TR AC E		00.4	5	N SQ 1306 SQUARE 2 SQUARE 48 SQUARE 48
CASTNUM	VTIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
		STD	00000	09.02	32.87	25.47	00.000	1484.0							
	08.6	08\$ \$10	00001	09.02 09.02	32.870 32.87	25.47 25.47	00.025	1484.1							
		CB\$	00011	09.02	32.870	25.47	******	1484.2							
		OBS OBS	00013 00017	09.01 07.77	32.860	25.46 25.58		1484.2							
		STD	00020	07.19	32.86	25.73	00.049								
		085	00020	07.01	32.875	25.77		1476.6							
		OBS	00024	06.28 03.94	32.87 32.99	25.86 26.22	00.070	1473.8							
		OBS	00032	02.80	33.050	26.36		1460.0							
		085	00034 00038	04.56 03.30	33.280 33.140	26.38 26.40		1467.5							
		085	00040	03.04	33.090	26.38		1460.8							
		085	00045	02.16	33.080	26.45		1457.1							
		08S 08S	00047	00.30 00.02	33.100	26.58 26.68		1448.8							
		STD	00050	- 0.00	33.23	26.70	00.101	1447.6							
		OBS OBS	00051	- 0.07 - 0.52	33.290	26.75 26.84		1447.4							
		OBS	00064	- 0.89	33.397	26.87		1444.0							
		08S 08S	00066	- 0.88	33.480	26.94		1444.2							
		085	00068 00072	- 0.66 - 0.16	33.560	26.96 26.57		1445.3 1447.7							
		085	00074	- 0.16	33.570	26.98		1447.8							
		STD OBS	00075 00078	- 0.11	33.57 33.605	26.98 27.00	00.132	1448.0							
		085	00083	00.43	33.725	27.08		1450.9							
		OBS	00087	01.08	33.788	27.09		1454.0							
		08S 08S	00091	01.57 01.72	33.862 33.91u	27.11 27.14		1456.3							
		085	00095	02-47	34.020	27.17		1460.5							
		OBS STD	00097 00100	02.54	34.03± 34.10	27.18 27.18	00.156	1460.9							
		OBS	00104	03.58	34.170	27.19	000170	1465.7							
		OBS	00112	03.70	34-205	27.21	00 170	1466.4 1468.5							
		STD OBS	00125 00125	04.11 04.11	34.33 34.330	27.26 27.26	00.118	1468.5							
		085	00135	03.99	34.350	27.29		1468.2							
		OBS OBS	00139	04.46 C4.39	34.405 34.380	27.29 27.27		1470.3							
		STD	00150	04.79	34.47	27.30	00.198	1471.9							
		085	00152	04.87	34.490	27.31		1472-3							
		OBS OBS	00158	04.98 04.31	34.536 34.430	27.33 27.32		1472.9							
		OBS	00165	04.42	34.500	27.37		1470.7							
		OBS OBS	00175 00196	05.21 05.17	34.620 34.660	27.37 27.41		1474.2							
		STD	00200	04.50	34.58	27.42	00.235								
		OBS	00201	04.37	34 550	27.41		1471.1							
		08 S 08 S	00203 00211	04.35 04.62	34.606	27.45 27.44		1471.1 1472.4							
		OB\$	00220	04.58	34.665	27.48		1472.5							
		08\$ 08\$	00226 00228	04.90 04.62	34.690 34.670	27.46 27.48		1473.9 1472.8							
		OBS	00230	04.62	34.675	27.48		1472.8							
		08S 08S	00236 00237	04.30 04.25	34.620 34.646	27.47 27.50		1471.5							
		OBS	00243	03.44	34.540	27.50		1467.9							
		STD	00250	03.06	34.52	27.52	00.267								
		OBS OBS	00251 00276	03.00 03.44	34.515	27.52 27.57		1466.1 1468.5							
		OBS	00277	03.44	34.660	27.59		1468.6							
		08\$ 08\$	00279	03.62 04.09	34.680	27.59 27.60		1469.4							
		STO	00300	04.09	34.75	27.60	00.296								
		OBS	00300	04.09	34.750	27.60		1471.8							
		08S 08S	00308 00312	04.10 04.40	34.770 34.820	27.61 27.62		1472.0							
		085	00350	04.46	34.850	27-64		1474.3							
		OBS STD	00356 00400	04-64 04-78	34.890 34.94	27.65 27.67	00.346	1475.2 1476.6							
		085	00403	04.88	34.965	27.68	00:540	1477.1							
		OBS	00405	04.94	34.980	27.69		1477.4							
		OBS OBS	00411	05.28 05.08	35.04C 35.000	27.69 27.69		1479.0							
		STD	00500	04.73	34.97	27.70	00.392	1478 -1							
		OBS OBS	00500	04.73 04.49	34.970	27.70		1478.1 1477.9							
		STD	00600	04.46	34.96	27.72 27.73	00.437								
		085	00601	04.46	34.960	27.73		1478.6							
		OBS STD	00652 00700	04.41	34.975	27.74 27.75	00.481	1479.3							
		085	00700	04.49	34.990	27.75	- 70 104	1480.5							
		OBS	00750	04.33	34.980 34.95	27.76 27.75	00.525	1480.6 1480.8							
		STD DBS	00803	04.18 04.17	34.950	27.75	000223	1480.8							
		OBS	00850	04.08	34.950	27.76	00 540	1481.2							
		STD	00900	04.15 04.15	34.97 34.97	27.77 27.77	00.568	1482.3 1482.3							
		085	00951	04.06	34.950	27.76		1402.8							
		STD	01000	03.88	34.94 34.940	27.77 27.77	00.611	1482.8							
								1462.8							

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID 31 8371 CONSEC 0072 LAT 44 20.8N LONG 047 43.7N	MONTH DAY	07	BOTOP 03615 SHIP EV DATA USE I AREA C5	AIR T WET B BANOM CLGUD	ULB 11.8 ETR 1014.5	DIR H 22 SEA CL/TR	ST PER 2 Z	WIND-DIR WIND-SPD WIND-FOR WEATHER	16	TRACE		00.4	5 2	N SQ 1306 SQUARE 2 SQUARE 46 SQUARE 47
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P0 4	TOT P	NO2	NO3	\$103	РН
12.0	STD	00000	10.61	32.87 32.87	25.17 25.17	00.000	1490.6							
	OBS STD	00009	10.80	32.864	25.17 25.17	00.028								
	OBS OBS	00015	06.18 05.01	32.470 32.710 32.78	25.56 25.68 26.07	00.052	1472.7 1468.3 1463.1							
	STD DBS	00020	03.74	32.830	26.14 26.30	001032	1462.0							
	OBS OBS	00022	03.04	32.990	26.33	00.069	1455.8							
	STD OBS	00030	01.47	33.06 33.09	26.48	00.009	1453.7							
	08S	00032	01.31	33.100 33.240	26.52 26.61		1453.1							
	OBS OBS	30041 00045	00.62	33.242 33.320	26.68 26.77		1450.4							
	STD DBS	00050	00.17	33.53 33.60u	26.93 26.97	00.096	1448.5							
	OBS STD	00059 00075	04.40	34.00 u 34.62	26.97 27.03	00.124	1468.2							
	OBS OBS	00079	06.77	34.610 34.485	27.03 27.05		1486.9							
	OBS OBS	00093	Q6.59 06.72	34.470 34.505	27.08 27.09		1478.3 1478.9							
	STD	00100	05.83 05.73	34.37 34.36u	27.10 27.10	00.149	1475.2							
	08S 08S	00106	06.59 06.74	34.585	27.11 27.13		1480.2							
	STD	00125	06.79	34.57	27.13	00.173								
	OBS OBS	00129	06.90 06.85	34.605	27.14 27.13		1480.1							
	OBS OBS	00142	06.69 07.00	34.686	27.18 27.19	00 107	1481-1							
	STD 085	00150	06.98 06.96	34.665	27.18 27.18	06.197	1481.0							
	OBS OBS	00173	06.81 07.34	34.680 34.81	27.21 27.24		1480.7 1483.0							
	08\$ 08\$	00180	07.42 07.78	34.840 34.90>	27.25 27.25		1483.4 1485.0							
	OBS CBS	00192	07.82 06.63	34.900	27.24		1485.3							
	STO	00200	06.63 06.61	34.71 34.730	27.26 27.28	00.241	1480.5 1480.5							
	OBS OBS	00205	06.61 C5.52	34.736	27.28 27.28		1480.5 1477.8							
	CBS OBS	00226	05.41 05.35	34.580 34.626	27.32 27.35		1475.9							
	STD	00250	05.33	34.62 34.570	27.35 27.36	00.281	1476.0							
	OBS OBS	00257	04.75 04.77	34.550	27.37 27.39		1473.6 1473.8							
	OBS	00264	05.36	34.670	27.39 27.41		1476.4							
	OBS OBS	00266	05.32	34.865	27.43		1480.5							
	OBS	00277	06.71 06.72	34.940 34.950	27.43 27.44		1482.4							
	OBS STD	00295	05.21 05.18	34.696 34.71	27.43 27.44	00.317	1476.3							
	OBS GBS	00300 00306	05.15 04.80	34.710	27.45 27.45		1476.2							
	OBS OBS	00323	05.17 05.42	34.790 34.830	27.51 27.51		1476.8							
	OBS OBS	00335	05.51 05.00	34.860 34.775	27.52 27.52		1478.4							
	OBS	00350	04.95 05.37	34.780	27.53 27.59		1476.3 1478.9							
	STO	00400	05.76 05.78	34.99 34.990	27.60 27.59	00.379	1480.7							
	08S	00403	05.76 06.23	34.980 35.080	27.59 27.61		1480.7 1482.8							
	OBS STD	00451 00500	06.10 05.54	35.08> 35.04	27.63 27.66	00.432	1483.0							
	OBS OBS	00500 00512	05.53 05.43	35.040 35.030	27.66 27.67		1481-5							
	OBS OBS	00519 00550	05.10 05.27	34.980 35.040	27.67 27.70		1460.0 1481.2							
	STL	00600	05.30	35.06 35.065	27.71 27.71	00.481	1482.2							
	OBS OBS	00601	05.30 04.70	34.986	27.72	00 527	1480.5							
	OBS	00700	04.58	34.98 34.983	27.73 27.73	00.521	1480.8							
	OBS	00750	04.40	34.98u 34.98	27.74	00.572	1481.7							
	OBS OBS	00801 00850	04.34	34.975 34.970	27.74 27.75	00 11	1481.7							
	OBS	00900	04.24	34.97 34.970	27.76 27.76	00.616	1482.7							
	OBS STD	01000	04.17	34.960 34.97	27.76 27.77	ò0.661								
	OBS	01001		34.970 34.970	27.77 27.77		1484.1 1484.3							

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

	8371 0073 13.2N 09.0W	MONT	1974 H 07 01 15.6	BOTDP 03951 Ship EV DATA USE 1 AREA 05			22	IGT PER 5 8	WIND-DIR WIND-SPD WIND-FOR WEATHER	12	TRACE		00.4	5	N SQ 1306 SQUARE 2 SQUARE 46 SQUARE 47
CASTNUM	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
		STD	00000	11.18	32.82	25.07	00.000	1491.8							
	15.6	085	00000	11.18	32.826	25.07	***************************************	1451.8							
		STD	00010	10.73	32.75	25.09	00.029	1450.3							
		085	00010	10.73	32.750	25.09		1490.3							
		STD	00020	09.04	32.82	25.43	00.056	1484.4							
		085	00020	05.04	32.820	25.43		1484.4							
		STD	00030	08.05	33.14	25.83	00.080	1481-2							
		OBS	00030	08.05	33-140	25.83		1481-2							
		OB\$	00040	07.93	33.400	26.05		1481.2							
		STD	00050	06.69	33.84	26.57	00.117	1477 - 1							
		085	00050	06-69	33.840	26.57		1477.1							
		DBS	00070	05-25	34.170	27.01	00 140	1472.1							
		STD	00075	05-29	34.22	27.05	00.148	1472-4							
		OBS	00075	05.29	34.220	27.05	00.173	1472.4							
		STD	00100	06.42 06.42	34.47 34.476	27.10 27.10	00.173	1477.7							
		STO	00125	04.39	34.28	27.19	00.197	1469.6							
		OBS	00125	04.39	34.280	27.19	001171	1469.6							
		085	00135	05.50	34.450	27.20		1474.5							
		STO	00150	04.75	34.37	27.23	00.219	1471.6							
		OBS	00150	04.75	34.370	27.23	*******	1471.6							
		OBS	00190	06.08	34.610	27.26		1478.0							
		STO	00200	06.07	34.59	27.24	00.262	1478.1							
		OBS	00200	06.07	34.590	27.24		1478.1							
		OBS	00220	05.91	34.600	27.27		1477.8							
		085	00240	06.49	34.846	27.38		1480.8							
		STD	00250	06.25	34.85	27.42	00.301	1480.0							
		OBS	00250	06.25	34.850	27.42		1480.0							
		085	00270	06.29	34.880	27.44		1480.5							
		STD	00300	04.85	34.72	27.49	00.335	1475.0							
		OBS	00300	04.85	34.720	27.49		1475 - 0							
		085	00340	04.77	34.780	27.55		1475.4							
		OBS	00350	04.24	34.726	27.56		1473.2							
		085	00370	03.75	34.660	27.56		1471 - 4							
		OBS	00390	03.46	34.650	27.58		1470.5							
		STD	00400	03.51	34.68	27.60	00.393	1470.9							
		OBS OBS	00400	03.51	34.680	27.60		1470.9							
		STD	00500	04.96 04.95	34.950 34.97	27.66	00.444	1478.2							
			00500	04.95	34.970	27-68	00.444	1479.0							
		085 085	00535	05.22	35.060	27.68 27.72		1480.8							
		STD	00600	05.07	35.05	27.73	00.491	1481.3							
		OBS	00600	05.07	35.050	27.73	00.472	1481.3							
		STD	00700	04.78	35.01	27.73	00.536	1481.7							
		OBS	00700	04.78	35.016	27.73		1481.7							
		085	00755	04.56	34-980	27.73		1481.6							
		STD	00800	04.52	34.99	27.74	00.581	1482.2							
		OBS	00800	04.52	34.99U	27.74		1482 .2							
		STD	00900	04.39	34.99	27.76	00.626	1463.4							
		OBS	00900	04.39	34.990	27.76		1483.4							
		STD	01000	04.15	34.97	27.77	00.670	1484.0							
		085	01000	04-15	34.970	27.77		1464.0							
		OBS	01025	04.14	34.970	27.77		1484.4							

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID 31 8371 CONSEC 0074 LAT 44 07.0N LONG 046 32.5W	MONT	1974 H 07 01 18.9	BCTDP 03840 SHIP EV DATA USE I AREA 05	BAND	TEMP 12.7 BULB 12.3 METR 1016.5 D T/A	20	2 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	16	TRACE DURAT		ORDER D 00.3	5	EN SQ 1306 SQUARE 46 SQUARE 46 SQUARE 46
CASTNUM/TIME	LVLTYP	DEPTH	TE₽P	SAL	SEGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
18.9	STD	00000	10.62 10.62	32.86	25.20 25.20	00.000	1489.9					·		
	STD	00010	10.61	32.95	25.19	00.028	1450.0							
	OBS 085	00011	10.56	32.840	25.19		1485.8							
	STD	00020	05.54 05.18	32.62	25.20	00.056	1486.0							
	085	00022	C8.18	32.61c	25.24		1484.6							
	OBS OBS	00024	07.41	32.576	25.79 25.89		1476.4							
	STD	00030	C6.20	32.98	25.95	00.080	1473.7							
	08 S 08 S	00030	06.10 05.32	32.970 33.157	25.96 26.20		1473.3							
	OBS	00049	05.66	33.215	26.21	00 110	1472.1							
	STD OBS	00050	04.88	33.10 32.93u	26.21	00.119								
	OBS OBS	00053	02.49	33.20	26.41		1458.6							
	085	00057	00.95	33.330	26.62		1452.2							
	OBS OBS	00064	00.52	33.35u 33.36p	26.77 26.81		1450.4							
	DBS -	00068	00.10	33.473	20.89		1448.8							
	STD	00075 00076	00.33	33.60 33.620	26.98 26.99	00.155	1450.1							
	085	00079	00.97	33.705	27.03		1453.2							
	08 S	00081	00.58	33.710	27.03 27.03		1453.3							
	OBS	00093	02.56	33.876	27.04		1460.7							
	OBS STD	00055	02.81	33.896	27.04 27.06	00.181	1461.8							
	OBS OBS	00100	03.69	34-030	27.07 27.10		1465.9							
	085	00118	05.04	34.250	27.10		1472-1							
	OBS	00121	05.07 04.58	34.250	27.09 27.10	00.206	1472.3							
	OBS	00135	03.49	34.076	27-12	008200	1465.7							
	OBS	00140	03.21	34.075 34.16	27.15 27.18	00.230	1464.6							
	085	00158	03.59	34.232	27.20		1468.4							
	OBS OBS	00165	04.40	34.40 u	27.21 27.22		1470.3							
	08S	00175	05.04 05.08	34.420	27.23		1473.3							
	OBS	00180	05.55	34.436	27.24 27.25		1473.5 1475.6							
	OBS 08S	00190	05.41	34.49u 34.41u	27.24		1475.1							
	OBS	00198	04.78	34.45û	27.29	00.273	1472.6							
	STD CBS	00200	05.22 05.51	34.53 34.58	27.30 27.30	00.273	1474.6							
	085	00209	05.51	34.575	27.30		1476.0							
	OBS OBS	00224 00228	04.39 04.12	34.410	27.30 27.33		1471-4							
	OBS OBS	00234	04.14	34.407 34.35	27.32		1470.5							
	STD	00250	03.44	34.40	27.35 27.39	00.311	1467.6 1467.8							
	08 S 08 S	00251	03.44	34.410	27.40 27.45		1467.8							
	OBS	00274	04.30	34.030	27.48		1472.1							
	OBS OBS	00279	04.82 05.51	34.716	27.49 27.52		1474.5							
	085	00298	06.42	35.000	27.52		1481.7							
	STD	003C0	06.43 06.43	35.00 35.000	27.52 27.52	00.345	1481.7							
	OBS OBS	00304	06.45	35.00C	27.51 27.53	00.345	1481.9							
	OBS	00329	06.70	35.070	27.54		1483.4							
	OBS GBS	00336	06.32 06.30	35.000 34.990	27.53 27.53		1481.9 1481.9							
	OBS	00344	05.50	34.930	27.53		1480.2							
	OBS OBS	00350	05.85 05.87	34.955 34.96¢	27.56 27.56		1480.2							
	08.5	00369	05.32	34.880	27.56	00 /0/	1478.2							
	STD	00400	05.34	34.90 34.910	27.58	00.404	1479.1							
	OBS OBS	00409	05.42 05.14	34.926	27.58		1479.4							
	OBS	00451	04.98	34.905	27.58 27.62		1478.2							
	OBS	00500	05.14 05.14	34.98 34.980	27.66 27.66	00.458	1479.8							
	OBS	00553	05.26	35.026	27.68		1481.2							
	STD GBS	00600	04. 82 04. 81	34.97 34.970	27.69 27.69	00.507	1480.1							
	OB S STD	00651	04.58	34.96€	27.71	00 554	1480.0							
	OB\$	00700	04.61 04.61	34.97 34.970	27.72	00.554	1480.9							
	OBS STD	00750	04.50	34.970	27.73	00.600	1481.3							
	OBS	00801	04.37	34.960	27.74	55.000	1481.6							
	OBS	00850	04.33 04.28	34.960 34.96	27.74	00.645	1482.2							
	OB\$	00900	04.28	34.960	27.75		1482.9							
	OBS STD	00951	04.28 04.23	34.970 34.97	27.75 27.76	00.690	1483.7							
	OBS OBS	01001	04.23	34.96>	27.76		1484.3							
170	003	01026	04.21	34.965	27.76		1484.7							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

21.9 050 00000 11.1.50 33.3.55 25.11 00.000 1456.3 00000 1456.3 00010 11.5.50 33.25 25.11 00.0000 1456.3 00010 11.5.50 33.25 25.11 00.0000 1456.3 00010 11.5.50 33.25 25.11 00.0000 1456.3 00010 11.5.50 33.25 25.11 00.0000 1457.2 00010 11.5.50 33.25 25.11 00.0000 1457.2 00010 11.5.50 33.25 25.11 00.0000 1457.2 00010 11.6.50 33.277 25.17 1447.2 00010 0001		8371 0075 01.8N	MONT	1 1974 TH 07 01 1 21.9	BOTDP 04390 SHIP EV DATA USE I AREA 05	WET	TEMP 13.8 BULB 13.5 METR 1017.8 D T/A	21	HGT PER	WIND-DI WIND-SP WIND-FO WEATHER	D 15 R	TRACE DURAT	STD REC DIR TION 011 677	DRDER D 00.5	5 2	N SQ 1306 SQUARE 2 SQUARE 46 SQUARE 46
21.9 085 0001 12.23 33.14.9 25.11 1.90.028 1.97.2 2 1.90.028 1.97.2 2 1.97.	CASTNUM	VTIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	O XY G	P04	TOT P	NO2	N03	\$103	РН
STIC CODI 12.50 33.25 25.10 CO.0.28 1497.2 CO								00.000								
085 0001 12.51 33.272 25.17 1497-2 085 00010 12.53 33.276 00.056 1470.5 085 00022 07.27 32.200 25.43 00.056 1470.5 085 00022 07.27 32.200 25.43 1477-1 085 00022 07.27 32.200 25.43 1477-1 085 00023 04.49 32.215 25.20 00.056 1401.5 085 00030 04.49 32.215 25.50 00.056 1401.5 085 00030 04.49 32.215 25.50 00.056 1401.5 085 00030 04.27 32.255 26.07 1405.3 085 00030 04.27 32.255 26.07 1405.3 085 00030 04.27 32.255 26.07 1405.3 085 00030 04.27 32.255 26.07 1405.3 085 00030 04.27 32.255 26.07 1405.3 085 00030 02.2 31.05 32.600 26.12 1405.5 085 00030 02.2 31.05 32.600 26.12 1405.5 085 00030 02.2 33.05 32.600 26.12 1405.5 085 00030 02.2 33.05 32.600 26.12 1405.5 085 00030 02.2 33.05 32.600 26.12 1405.5 085 00030 02.2 33.05 32.600 26.12 1405.5 085 00030 02.2 33.05 32.600 26.12 1405.5 085 00030 02.2 33.05 32.600 26.12 1405.5 085 00030 02.2 33.05 32.600 26.12 1405.5 085 00030 02.2 33.05 33.05 26.12 1405.5 085 00030 02.2 33.05 33.05 26.12 1405.5 085 00030 02.2 33.05 33.05 26.12 1405.5 085 00030 02.2 33.05 33.05 26.12 1405.5 085 00030 02.2 33.05 33.05 26.12 1405.5 085 00030 02.2 33.05 34.100 26.55 1402.7 085 00030 02.2 35.100 33.05 26.12 1405.5 085 00030 02.2 35.100 33.05 26.12 1405.5 085 00030 02.2 35.100 33.100 26.57 34.1		21.9						00-028	1497.2							
STD 00020 10.65 22.97 25.28 00.056 1490.5 1477.3					12.51		25.17									
085 00022 07.26 32.500 25.43 1477.3 085 00020 04.66 32.612 27.77 00.980 1477.1 085 00030 04.66 32.613 25.59 1467.5 085 00030 04.67 32.615 25.98 1467.5 085 00030 04.67 32.615 25.98 1467.5 085 00030 04.67 32.615 25.98 1467.5 085 00030 04.67 32.615 25.98 1467.5 085 00030 04.17 32.89 26.12 1469.3 085 00030 02.25 25.86 26.12 1469.3 085 00030 02.25 23.895 22.666 26.12 1469.3 085 00030 02.25 23.895 22.666 26.12 1469.3 085 00031 28.68 33.900 26.13 1467.5 085 00031 28.68 33.900 26.13 1485.0 085 00031 28.68 33.900 26.37 00.117 1485.0 085 00030 02.20 33.895 26.42 1485.2 085 00030 02.20 33.895 26.42 1485.2 085 00030 02.20 33.905 26.42 1482.8 085 00030 02.20 33.902 26.39 1485.2 085 00030 02.20 33.902 26.39 1485.0 085 00030 02.20 33.902 26.39 1485.0 085 00030 02.20 33.902 26.39 1485.0 085 00030 02.20 33.902 26.40 26.39 1485.0 085 00030 02.20 34.000 27.00								00 05/								
085 00024 06-40 32-81 55-89 00-10 1478-1 085 00030 04-6 32-81 55-89 00-90 04-90 1478-1 085 00030 04-74 32-815-5-89 00-90 1467-5 085 00032 04-74 32-85-89 28-07 1465-4 085 00034 04-22 32-85-89 28-07 1465-4 085 00034 04-23 32-85-89 28-07 1465-4 085 00034 04-23 32-85-89 28-07 1465-4 085 00031 03-55 32-868 28-12 1464-4 085 00031 03-55 32-868 28-12 1464-4 085 00031 03-55 32-868 28-12 1464-4 085 00031 03-55 32-868 28-12 1461-6 085 00051 08-8 03-8 33-98 28-39 1485-0 085 00051 08-8 03-8 33-98 28-39 1485-0 085 00052 08-8 03-8 33-98 28-39 1485-0 085 00052 08-8 03-8 33-98 28-39 1485-0 085 00060 08-9 03-15 34-133 28-39 1485-0 085 00060 08-9 03-15 34-133 28-39 1485-0 085 00060 08-15 34-134 28-59 1488-0 085 00072 08-6 33-48-10 28-57 1488-0 085 00075 07-28 34-20 28-77 00-154 1480-2 085 00075 08-8 34-88-0 27-00 0-154 1480-2 085 00075 07-28 34-20 28-77 00-154 1480-2 085 00075 07-28 34-20 27-00 0-154 1480-2 085 00075 07-28 34-20 27-00 0-154 1480-2 085 00075 07-28 34-20 27-00 0-154 1480-2 085 00075 07-8 34-30-27-00 0-154 1480-2 085 00075 07-8 34-30-27-00 0-154 1480-2 085 00100 08-3 34-80 27-00 0-154 1480-2 085 00100 08-3 34-80 27-00 0-154 1480-2 085 00100 08-3 34-80 27-00 0-154 1480-2 085 00100 08-3 34-80 27-00 0-154 1480-2 085 00100 08-3 34-80 27-00 0-154 1480-2 085 00100 08-3 34-80 27-00 0-154 1480-2 085 00100 08-3 34-80 27-00 0-154 1480-2 085 00100 08-3 34-80 27-00 0-234 1474-5 085 00100 08-3 34-80 27-00 0-234 1474-5 085 00100 08-3 34-80 27-00 0-234 1474-5 085 00100 08-3 34-80 27-00 0-234 1474-5 085 00100 08-3 34-80 27-00 0-234 1474-5 085 00100 08-3 34-80 27-00 0-234 1474-5 085 00100 08-3 34-80 27-00 0-234 1474-5 085 00100 08-3 34-80 27-00 08-24 1474-5 085 00100 08-3 34-80 27-00 08-24 1474-5 085 00100 08-3 34-80 27-00 08-24 1474-5 085 00100 08-3 34-80 27-10 08-24 1474-5 085 00100 08-3 34-80 27-10 08-24 1474-5 085 00100 08-3 34-80 27-10 08-24 1474-5 085 00100 08-3 00-10 08-24 148-5 085 00100 08-24 148-5 085 00100 08-24 148-5 085 0								00.056								
STO 00030 04-66 32-81 25-77 00-080 1468-4 00030 04-67 32-81 32-81 25-87 00-080 1468-5 00030 04-12 32-80 32					06.40	32.714	25.72									
085 00032 04-74 27 37-89 1467-5 085 00034 04-22 37-89 28-07 1465-4 085 00034 03-95 32-88 28-12 1464-4 085 00034 03-95 32-88 28-12 1464-4 085 00034 03-95 32-88 28-12 1464-4 085 00034 03-95 32-88 28-12 1464-4 085 00034 03-95 33-88 28-12 1462-9 085 00035 08-03 33-88 28-17 08-11 1483-0 085 00057 08-04 33-978 28-37 00-117 1483-0 085 00057 08-04 33-978 28-37 00-117 1483-0 085 00059 08-08 33-90- 28-42 1462-8 085 00059 08-08 33-90- 28-42 1462-8 085 00050 08-03 34-08- 28-57 085 00006 08-03 34-08- 28-57 085 00007 08-68 34-08- 28-57 085 00007 08-68 34-08- 28-57 085 00007 08-68 34-08- 28-77 085 00097 08-88 34-80- 27-02 085 00097 08-88 34-80- 27-02 085 00097 08-88 34-50- 27-02 085 00097 08-88 34-50- 27-02 085 00097 08-88 34-80- 27-02 085 00097 08-88 34-80- 27-02 085 00097 08-88 34-80- 27-02 085 00097 08-88 34-80- 27-02 085 00098 08-83 34-80- 27-02 085 00099 08-88 34-80- 27-02 085 00099 08-88 34-80- 27-02 085 00099 08-88 34-80- 27-02 085 00099 08-88 34-80- 27-02 085 00099 08-88 34-80- 27-02 085 00099 08-88 34-80- 27-02 085 00100 08-33 34-78 27-08 085 00100 08-33 34-78 27-08 085 00100 08-33 34-78 27-08 085 00100 08-33 34-78 27-08 085 00100 08-33 34-78 27-08 085 00100 08-34 34-80 27-02 085 00100 08-34 34-80 27-02 085 00100 08-34 34-80 27-02 085 00100 08-34 34-38 27-08 085 00100 08-34 34-80 27-02 085 00100 08-34 34-80 27-02 085 00100 08-34 34-80 27-02 085 00100 08-34 34-80 27-02 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 085 00100 08-34 34-50 27-03 0					04.96	32.81		00.080								
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OBS 00108 06.10 34.36c 27.06 1475.4 STD 00125 05.60 34.31 27.08 00.209 1474.6 OBS 00125 05.51 34.310 27.08 1474.2 STD 00150 05.48 34.32 27.10 00.234 1474.5 OBS 00150 05.48 34.32 27.10 00.234 1474.5 OBS 00150 05.48 34.32 27.10 1474.5 OBS 00150 05.48 34.52 27.12 1476.3 OBS 00167 06.53 34.550 27.13 1479.3 OBS 00167 06.63 34.550 27.12 1483.0 OBS 00190 07.37 34.600 27.12 1483.0 OBS 00190 07.37 34.600 27.12 1483.0 OBS 00190 06.83 34.58 27.13 1480.9 OBS 00190 06.83 34.58 27.13 1480.9 OBS 00203 07.07 34.600 27.11 1481.1 OBS 00203 07.07 34.600 27.11 1481.1 OBS 00215 07.33 34.650 27.14 1482.6 OBS 00215 07.33 34.650 27.14 1482.6 OBS 00215 07.38 34.690 27.15 1483.6 OBS 00225 07.37 34.600 27.15 1483.6 OBS 00226 07.37 34.650 27.15 1483.6 OBS 00227 07.37 34.650 27.14 1482.6 OBS 00218 07.73 34.650 27.14 1485.2 OBS 00219 07.38 34.690 27.15 1483.6 OBS 00215 07.55 34.730 27.15 1483.6 OBS 00226 07.37 34.690 27.15 1483.6 OBS 00227 07.37 34.690 27.15 1483.6 OBS 00228 07.37 34.690 27.15 1483.6 OBS 00229 07.37 34.690 27.17 1493.6 OBS 00203 07.07 38.660 27.14 1483.6 OBS 00203 07.37 34.690 27.15 1483.6 OBS 00204 07.38 34.690 27.17 1493.6 OBS 00205 08.07 34.690 27.10 1483.6 OBS 00205 08.07 34.690 27.10 1483.6 OBS 00206 09.04 35.100 27.21 1491.3 OBS 00300 09.07 35.11 27.21 1491.3 OBS 00300 09.07 35.11 27.21 1491.3 OBS 00300 09.07 35.10 27.22 1491.0 OBS 00300 09.07 35.01 27.29 1494.5 OBS 00300 09.00 09.00 34.60 34.60 27.29 1494.5 OBS																
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OBS O0150 O5.51 34.300 27.08 1474.2								00.200								
085 00150 05.48 34.32 27.10 00.234 1474.5 085 00159 05.48 34.32 27.10 1474.5 085 00159 05.84 34.400 27.12 1476.3 085 00163 06.53 34.52 27.13 1479.3 085 00167 06.93 34.500 27.13 1481.0 085 00175 07.05 34.600 27.12 1481.6 085 00180 07.37 34.600 27.12 1483.0 085 00190 07.38 34.600 27.12 1483.2 085 00199 06.83 34.550 27.13 1480.9 085 00199 06.83 34.550 27.13 1480.9 085 00203 07.07 34.62 27.13 1481.1 085 00203 07.07 34.62 27.13 1480.9 085 00215 07.55 34.730 27.15 1480.9 085 00215 07.55 34.730 27.15 1480.9 085 00215 07.37 34.660 27.14 1482.2 085 00216 07.33 34.660 27.14 1482.2 085 00215 07.35 34.730 27.15 1480.9 085 00215 07.55 34.730 27.15 1480.9 085 00224 07.38 34.680 27.14 1483.8 085 00224 07.38 34.680 27.14 1483.8 085 00225 07.37 34.650 27.14 1483.8 085 00226 07.37 34.650 27.14 1483.8 085 00226 07.37 34.650 27.14 1483.8 085 00226 07.37 34.650 27.14 1483.8 085 00226 07.37 34.650 27.14 1483.8 085 00226 07.37 34.650 27.14 1483.8 085 00226 07.37 34.650 27.14 1483.8 085 00226 07.37 34.650 27.14 1483.8 085 00226 07.37 34.650 27.14 1483.8 085 00226 07.37 34.650 27.14 1483.8 085 00226 07.37 34.650 27.14 1483.8 085 00231 07.39 34.80 27.17 00.331 1486.3 085 00232 07.64 34.752 27.15 085 00260 00.76 08.77 35.150 27.22 1491.5 085 00260 00.76 08.77 35.150 27.22 1491.5 085 00260 00.76 08.77 35.150 27.22 1491.5 085 00300 09.12 35.10 27.22 1491.5 085 00300 09.12 35.10 27.22 1491.5 085 00300 09.07 35.112 27.21 1491.5 085 00300 09.07 35.112 27.22 1491.0 085 00300 09.07 35.112 27.22 1491.0 085 00300 09.07 35.112 27.22 1490.0 085 00300 09.07 35.112 27.22 1490.0 085 00300 09.07 35.10 27.22 1490.0 085 00300 09.07 35.10 27.22 1490.0 085 00300 09.07 35.10 27.22 1490.0 085 00300 09.07 35.10 27.22 1490.0 085 00300 09.07 35.10 27.22 1490.0 085 00300 09.07 35.10 27.22 1490.0 085 00300 09.07 35.10 27.22 1490.0 085 00300 09.07 35.10 27.22 1490.0 085 00300 09.07 35.10 27.22 1490.0 085 00300 09.07 35.10 27.22 1490.0 085 00300 09.07 35.10 27.22 1490.0 085 00300 09.07 35.10 27.22 1490.0 085 00300 09.07 35.10 27.22 1490.0 085 00300 09.07 35.10 27.2								00.209								
OBS 00183 06.53 34.540 27.12 1476.3 OBS 00163 06.53 34.525 27.13 1479.3 OBS 00167 06.93 34.590 27.13 1481.0 OBS 00175 07.05 34.600 27.12 1481.6 OBS 00180 07.37 34.660 27.12 1483.0 OBS 00190 07.38 34.660 27.12 1483.2 OBS 00199 06.23 34.550 27.13 1480.9 OBS 00199 06.23 34.550 27.13 1480.9 OBS 00200 06.84 34.58 27.13 00.283 1481.1 STD 00200 06.84 34.58 27.13 00.283 1481.1 OBS 00211 07.13 34.640 27.14 1482.6 OBS 00211 07.13 34.640 27.14 1482.6 OBS 00212 07.55 34.730 27.15 1486.4 OBS 00218 07.57 34.690 27.14 1482.2 OBS 00218 07.53 34.685 27.14 1482.2 OBS 00226 07.38 34.685 27.14 1482.8 OBS 00226 07.38 34.885 27.15 1486.3 OBS 00250 07.86 34.81 27.17 00.331 1486.3 OBS 00255 08.07 34.890 27.15 1486.3 OBS 00255 08.07 34.890 27.17 1486.3 OBS 00255 08.07 34.890 27.17 1486.3 OBS 00264 09.08 35.110 27.21 1491.3 OBS 00264 09.08 35.110 27.21 1491.3 OBS 00276 09.47 35.195 27.22 1491.5 OBS 00276 09.47 35.195 27.22 1491.5 OBS 00300 09.17 35.12 27.21 1491.5 OBS 00300 09.17 35.112 27.21 1491.5 OBS 00310 08.40 35.070 27.22 1491.0 OBS 00336 08.11 34.993 27.25 1486.3 OBS 00346 07.44 34.895 27.22 1491.0 OBS 00359 04.96 34.800 27.29 1486.3 OBS 00360 00360 07.05 34.800 27.29 1486.3 OBS 00359 04.96 34.800 27.29 1486.3 OBS 00360 00360 06.38 34.775 27.35 1486.3			STD	00150	05.48	34.32	27.10	00.234	1474.5							
OBS 00167 06.93 34.525 27.13 1479.3 OBS 00167 06.93 34.506 27.12 1481.0 OBS 00175 07.05 34.606 27.12 1481.6 OBS 00180 07.37 34.666 27.12 1483.0 OBS 00190 07.38 34.666 27.12 1483.0 OBS 00199 06.83 34.566 27.13 1480.9 OBS 00199 06.83 34.586 27.13 1480.9 OBS 00203 07.07 34.620 27.13 1481.1 STD 00200 06.84 34.58 27.13 00.283 1481.1 OBS 00213 07.07 34.620 27.15 1482.2 OBS 00215 07.55 34.730 27.15 1488.4 OBS 00216 07.37 34.650 27.14 1482.6 OBS 00216 07.37 34.650 27.14 1483.8 OBS 00224 07.38 34.655 27.14 1483.8 OBS 00225 07.66 34.81 27.17 00.331 1486.3 OBS 00232 07.64 34.75∠ 27.15 1485.0 OBS 00251 07.91 34.830 27.14 1485.0 OBS 00251 07.91 34.830 27.14 1485.0 OBS 00251 07.91 34.830 27.14 1485.0 OBS 00250 07.86 34.81 27.17 00.331 1486.3 OBS 00251 07.91 34.830 27.14 1485.0 OBS 00250 09.04 35.100 27.20 1487.2 OBS 00264 09.08 35.110 27.21 1491.3 OBS 00264 09.08 35.110 27.21 1491.5 OBS 00260 09.47 35.195 27.22 1491.5 OBS 00300 09.12 35.12 27.21 1491.5 OBS 00300 09.12 35.12 27.21 1491.5 OBS 00300 09.12 35.12 27.21 1492.5 OBS 00300 09.17 35.112 27.21 1492.5 OBS 00300 09.10 35.00 27.20 1488.3 OBS 00346 07.44 34.895 27.29 1488.8 OBS 00359 06.96 34.800 27.29 1488.5 OBS 00350 07.65 34.800 27.29 1488.5 OBS 00350 07.65 34.800 27.29 1488.5 OBS 00350 07.66 34.800 27.29 1488.5 OBS 00360 00.484 34.800 27.29 1488.5 OBS 00350 00.486 06.438 34.775 27.35 1488.6					05.48											
OBS O0167 O6.93 34.590 27.12 1481.6						34.525										
085 00180 07-37 34.660 27-12 1483.0 085 00190 07-38 34.660 27-12 1483.2 085 00198 06-79 34.575 27-13 1480.9 085 00199 06-83 34.580 27-13 1481.1 STD 00200 06.84 34.580 27-13 0-283 1481.1 085 00201 07-07 34.620 27-13 1482.2 085 00211 07-13 34.646 27-14 1482.6 085 00215 07-55 34.730 27-15 1484.4 085 00218 07-73 34.752 27-14 1485.2 085 00224 07-38 34.685 27-14 1483.8 085 00224 07-38 34.690 27-14 1483.8 085 00225 07-64 34.752 27-15 1485.0 STD 00250 07-86 34.81 27-17 00-331 1486.3 085 00251 07-91 34.830 27-17 00-331 1486.3 085 00255 08-07 34.900 27-20 1487.2 085 00264 09-08 35.100 27-21 1491.3 085 00268 09-04 35.100 27-21 1491.3 085 00268 09-04 35.100 27-21 1491.5 085 00268 09-04 35.100 27-21 1491.5 085 00268 09-07 35.195 27-22 1453.0 085 00300 09-07 35.112 27-21 1491.5 085 00300 09-07 35.112 27-21 1491.0 085 00300 09-07 35.112 27-22 1491.0 085 00300 09-07 35.112 27-22 1491.0 085 00300 09-07 35.112 27-21 1491.0 085 00300 09-07 35.112 27-21 1491.0 085 00300 09-07 35.112 27-21 1491.0 085 00300 09-07 35.112 27-21 1491.0 085 00300 09-07 35.112 27-21 1491.0 085 00300 09-07 35.112 27-21 1491.0 085 00300 09-07 35.112 27-21 1491.0 085 00300 09-07 35.112 27-22 1491.0 085 00300 09-07 35.112 27-22 1491.0 085 00300 09-07 35.112 27-22 1491.0 085 00300 09-07 35.112 27-22 1491.0			CBS	00167	06.93	34.594	27.13		1481.0							
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STO O0200 O6.84 34.58 27.13 O0.283 1481.1			OBS	00198	06.79	34.575	27.13		1480.9							
OBS 00203 07.07 34.620 27.13 1482.2 OBS 00211 07.13 34.64C 27.14 1482.6 OBS 00218 07.55 34.730 27.15 1484.4 OBS 00218 07.73 34.752 27.14 1485.2 OBS 00218 07.37 34.752 27.14 1485.2 OBS 00226 07.37 34.690 27.14 1483.8 OBS 00226 07.64 34.752 27.14 1483.8 OBS 00225 07.64 34.752 27.15 STD 00250 07.86 34.81 27.17 00.331 1486.3 OBS 00251 07.91 34.830 27.17 1485.0 OBS 00262 09.04 35.10C 27.21 1491.3 OBS 00262 09.04 35.10C 27.21 1491.5 OBS 00268 05.44 35.195 27.22 1491.5 OBS 00268 05.44 35.195 27.22 1453.0 OBS 00268 05.44 35.195 27.22 1453.0 OBS 00268 05.44 35.195 27.22 1453.2 STD 00300 09.12 35.12 27.21 1492.2 OBS 00300 09.07 35.112 27.21 1492.2 OBS 00300 09.12 35.12 27.21 1492.3 OBS 00300 09.12 35.12 27.21 1492.3 OBS 00300 09.12 35.10 27.21 1492.3 OBS 00300 09.12 35.10 27.21 1492.3 OBS 00300 09.12 35.10 27.21 1492.3 OBS 00304 08.80 35.070 27.22 1492.0 OBS 00305 07.05 35.056 27.23 1490.7 OBS 00317 08.29 35.010 27.22 1491.0 OBS 00317 08.29 35.010 27.29 1486.3 OBS 00346 07.44 34.895 27.29 1486.3 OBS 00359 00.49 34.800 27.29 1486.3 OBS 00359 00.49 34.800 27.29 1486.3 OBS 00359 00.49 34.800 27.29 1486.5 OBS 00359 00.49 34.800 27.29 1486.5 OBS 00359 00.49 34.800 27.29 1486.5 OBS 00378 06.73 34.834 27.34 1486.0 OBS 00382 06.38 34.775 27.35 1482.6						34.580	27.13	00 202	1481-1							
CBS 00211 07.13 34.64C 27.14 1482.6 OBS 00215 07.55 34.730 27.15 1484.4 OBS 00218 07.73 34.752 27.14 1485.2 OBS 00224 07.38 34.685 27.14 1483.8 OBS 00224 07.37 34.690 27.14 1483.8 OBS 00232 07.64 34.754 27.15 1485.0 STD 00250 07.86 34.81 27.17 00.331 1486.3 OBS 00251 07.91 34.830 27.17 1486.5 OBS 00255 08.07 34.900 27.20 1487.2 OBS 00262 09.04 35.100 27.21 1491.3 OBS 00264 09.08 35.110 27.21 1491.5 OBS 00266 09.47 35.195 27.21 1491.5 OBS 00266 09.47 35.195 27.22 1453.0 OBS 00276 09.47 35.195 27.22 1453.0 OBS 00300 09.12 35.12 27.21 1492.2 STD 00300 09.12 35.12 27.21 1492.2 OBS 00304 08.80 35.070 27.22 1453.0 OBS 00305 00.00 09.07 35.114 27.21 1492.2 OBS 00306 08.80 35.070 27.22 1491.0 OBS 00307 09.07 35.112 27.21 1492.2 OBS 00308 00309 07.07 35.12 27.21 1492.2 OBS 00309 09.07 35.12 27.21 1492.2 OBS 00309 09.07 35.12 27.21 1492.2 OBS 00309 09.07 35.12 27.21 1492.0 OBS 00309 09.07 35.12 27.21 1492.0 OBS 00309 09.07 35.12 27.22 1492.0 OBS 00309 09.07 35.12 27.23 1490.7 OBS 00317 08.29 35.010 27.26 1488.9 OBS 00340 07.46 34.875 27.28 1486.3 OBS 00350 00.40 07.44 34.895 27.29 1486.3 OBS 00350 00.40 07.44 34.895 27.29 1486.3 OBS 00350 00.40 06.96 34.800 27.29 1484.8 OBS 00350 00.40 06.73 34.834 27.34 1484.0 OBS 00350 00.40 06.96 34.800 27.29 1484.8 OBS 00350 00.40 06.96 34.800 27.29 1484.8 OBS 00350 00.40 06.96 34.800 27.29 1484.6					07.07		27.13	00.283								
OBS OO218 O7-73 34.752 27.14 1485.2 OBS OO224 O7-38 34.685 27.14 1483.8 OBS OO226 O7-37 34.690 27.14 1483.8 OBS OO232 O7-64 34.752 27.15 1485.0 STD OO250 O7-86 34.81 27.17 O0.331 1486.5 OBS OO251 O7-91 34.830 27.17 O0.331 1486.5 OBS OO255 O8.07 34.900 27.20 1497.2 OBS OO264 O9.08 35.100 27.21 1491.3 OBS OO264 O9.08 35.10 27.21 1491.5 OBS OO264 O9.08 35.10 27.21 1492.5 OBS OO264 O9.08 35.10 27.21 1492.2 OBS OO276 O9.47 35.195 27.21 1492.2 OBS OO300 O9.12 27.21 1492.			OBS	00211	07.13	34.64C	27-14									
OBS 00224 07.38 34.685 27.14 1483.8 OBS 00232 07.64 34.752 27.15 1485.0 STD 00250 07.86 34.81 27.17 00.331 1486.3 OBS 00251 07.91 34.830 27.17 1486.5 OBS 00255 08.07 34.900 27.20 1487.2 OBS 00265 09.04 35.10 27.21 1491.3 OBS 00264 09.08 35.110 27.21 1491.3 OBS 00264 09.08 35.150 27.21 1491.5 OBS 00268 09.47 35.195 27.22 1493.0 OBS 00268 09.47 35.195 27.22 1493.0 OBS 00268 09.47 35.195 27.22 1493.0 OBS 00269 09.47 35.195 27.22 1493.0 OBS 00260 09.07 35.12 27.21 1491.0 OBS 00300 09.12 35.12 27.21 0C.379 1492.2 OBS 00300 09.07 35.112 27.21 1492.2 OBS 00300 09.07 35.112 27.21 1492.2 OBS 00300 09.07 35.112 27.22 1493.0 OBS 00300 09.07 35.112 27.21 1492.2 OBS 00300 09.07 35.112 27.22 1491.0 OBS 00310 02.70 35.05 27.22 1491.0 OBS 00310 02.70 35.05 27.23 1490.7 OBS 00317 08.29 35.010 27.26 1489.3 OBS 00342 07.46 34.875 27.28 1488.9 OBS 00346 07.44 34.895 27.26 1488.9 OBS 00350 00360 07.05 34.880 27.29 1486.3 OBS 00350 00.70 53.880 27.29 1486.3 OBS 00350 00.70 53.880 27.29 1486.3 OBS 00350 06.96 34.800 27.29 1484.5 OBS 00350 06.73 34.880 27.29 1486.5 OBS 00378 06.73 34.880 27.29 1486.5 OBS 00382 06.38 34.775 27.35 1488.6																
OBS 00226 07.37 34.690 27.14 1483.8 OBS 00232 07.64 34.75∠ 27.15 1485.0 STD 00250 07.86 34.81 27.17 00.331 1486.3 OBS 00251 07.91 34.830 27.17 1486.5 OBS 00252 08.07 34.900 27.20 1487.2 OBS 00262 09.04 35.100 27.21 1491.3 OBS 00264 09.08 35.110 27.21 1491.5 OBS 00266 05.44 35.195 27.22 1493.0 OBS 00266 09.47 35.195 27.22 1493.0 OBS 00276 09.47 35.195 27.21 1453.2 STD 00300 09.12 35.12 27.21 00.379 1492.2 OBS 00300 09.07 35.11∠ 27.21 1492.0 OBS 00304 08.80 35.070 27.22 1491.0 OBS 00310 08.29 35.010 27.26 1489.3 OBS 00317 08.29 35.010 27.26 1489.3 OBS 00340 07.46 34.875 27.28 1486.3 OBS 00359 00.40 34.805 27.29 1486.3 OBS 00359 06.96 34.800 27.29 1486.5 OBS 00378 06.73 34.800 27.29 1484.5 OBS 00378 06.73 34.800 27.29 1486.5 OBS 00378 06.73 34.800 27.29 1486.5 OBS 00378 06.73 34.800 27.29 1486.5 OBS 00378 06.73 34.804 27.35 1482.6						34.685	27-14									
STD 00250 07.86 34.81 27.17 00.331 1486.3 OBS 00251 08.07 34.890 27.20 1487.2 OBS 00255 08.07 34.900 27.20 1487.2 OBS 00262 09.04 35.10C 27.21 1491.3 OBS 00268 09.08 35.110 27.21 1491.5 OBS 00268 09.47 35.195 27.22 1493.0 OBS 00276 09.47 35.195 27.22 1493.0 OBS 00276 09.47 35.195 27.21 1492.2 STD 00300 09.12 35.12 27.21 1492.2 OBS 00300 09.12 35.12 27.21 1492.2 OBS 00300 09.07 35.114 27.21 1492.2 OBS 00300 08.80 35.070 27.22 1491.0 OBS 00310 CE.70 35.056 27.23 1490.7 OBS 00317 OB.29 35.010 27.26 1489.3 OBS 00336 OB.11 34.983 27.26 1488.9 OBS 00340 07.46 34.875 27.26 1488.9 OBS 00350 07.46 34.875 27.26 1488.9 OBS 00350 07.46 34.875 27.29 1486.3 OBS 00350 07.46 34.875 27.29 1486.3 OBS 00350 07.05 34.824 27.29 1486.3 OBS 00350 07.05 34.824 27.29 1486.3 OBS 00350 00.696 34.800 27.29 1486.5 OBS 00378 06.73 34.834 27.34 1484.5 OBS 00382 06.38 34.775 27.35 1482.6			GBS	00226	07.37	34-690	27.14		1483.8							
OBS 00251 07.91 34.830 27.17 1486.5 OBS 00255 08.07 34.900 27.20 1487.2 OBS 00262 09.04 35.100 27.21 1491.3 OBS 00264 09.08 35.110 27.21 1491.5 OBS 00266 09.44 35.195 27.22 1453.0 OBS 00276 09.47 35.195 27.21 1453.2 STD 00300 09.12 35.12 27.21 1453.2 OBS 00300 09.07 35.114 27.21 1452.0 OBS 00304 08.80 35.070 27.22 1491.0 OBS 00304 08.80 35.070 27.22 1491.0 OBS 00317 08.29 35.010 27.26 1489.3 OBS 00317 08.29 35.010 27.26 1489.3 OBS 00342 07.46 34.875 27.28 1486.3 OBS 00346 07.44 34.875 27.28 1486.3 OBS 00359 06.96 34.800 27.29 1484.8 OBS 00359 06.96 34.800 27.29 1484.8 OBS 00378 06.73 34.834 27.34 1484.0 OBS 00378 06.73 34.834 27.35 1482.6								00 331								
OBS 00255								00.331								
OBS OO264 O9.08 35.110 27.21 1491.5 OBS OO268 O9.44 35.195 27.22 1493.0 OBS OO276 O9.47 35.195 27.21 1493.2 SYD OO300 O9.12 35.12 27.21 OC.379 1492.2 OBS OO300 O9.07 35.112 27.21 OC.379 1492.2 OBS OO304 OB.80 35.070 27.22 1491.0 OBS OO310 CP.70 35.05a 27.23 1490.7 OBS OO317 OB.29 35.010 27.26 1489.3 OBS OO336 OB.11 34.983 27.26 1488.9 OBS OO342 O7.46 34.875 27.28 1486.3 OBS OO346 O7.44 34.895 27.29 1486.3 OBS OO350 O7.05 34.880 27.29 1486.8 OBS OO359 O6.96 34.800 27.29 1484.8 OBS OO359 O6.96 34.800 27.29 1484.5 OBS OO359 O6.973 34.834 27.34 1484.0			OBS	00255	08.07	34.900	27.20									
OBS OOZ68 OS, 44 35,195 27,22 1453.0 OBS OOZ76 O9,47 35,195 27,21 1453.2 STD OOZ00 O9,12 35,12 27,21 OC,379 1492.2 OBS OOZ00 O9,07 35,11 27,21 1452.0 OBS OOZ04 OB,80 35,070 27,22 1491.0 OBS OOZ17 OB,29 35,010 27,26 1489.3 OBS OOZ36 OB,11 34,983 27,26 1488.9 OBS OOZ46 O7,46 34,875 27,28 1486.3 OBS OOZ46 O7,44 34,895 27,29 1486.3 OBS OOZ59 O6,96 34,800 27,29 1484.5 OBS OOZ59 O6,96 34,800 27,29 1484.5 OBS OOZ80 O6,38 34,875 27,34 1484.0 OBS OOZ80 O6,38 34,800 27,29 14						35.10G	27.21									
CBS 00276 09-47 35-195 27-21 1453-2 STD 00300 09-12 35-12 27-21 0C-379 1492-2 CBS 00300 09-07 35-112 27-21 1452-0 CBS 00304 08-80 35-070 27-22 1491-0 CBS 00317 08-29 35-010 27-26 1489-3 CBS 00317 08-29 35-010 27-26 1488-9 CBS 00342 07-46 34-875 27-28 1486-3 CBS 00346 07-46 34-875 27-28 1486-3 CBS 00350 07-05 34-820 27-29 1486-3 CBS 00350 07-05 34-820 27-29 1484-8 CBS 00359 06-96 34-800 27-29 1484-5 CBS 00378 06-73 34-834 27-35 1482-6																
OBS 00300 09.07 35.1			OBS	00276	09.47	35.195	27.21		1493.2							
OBS 00304 OB.80 35.070 27.22 1491.0 OBS 00310 Ce.70 35.05a 27.23 1490.7 OBS 00317 OB.29 35.010 27.26 1489.3 OBS 00336 OB.11 34.983 27.26 1488.9 OBS 00342 07.46 34.875 27.28 1486.3 OBS 00346 07.44 34.895 27.29 1486.3 OBS 00350 07.05 34.880 27.29 1484.8 OBS 00350 06.96 34.800 27.29 1484.8 OBS 00378 O6.73 34.834 27.34 1484.0 OBS 00382 O6.38 34.775 27.35 1482.6					09.12			00.379								
08S 00310 Ce.70 35.05 27.23 1490.7 08S 00317 08.29 35.010 27.26 1489.3 08S 00336 08.11 34.983 27.26 1488.9 08S 00342 07.46 34.875 27.28 1486.3 08S 00346 07.44 34.895 27.29 1486.3 08S 00350 07.05 34.820 27.29 1484.8 08S 00359 06.96 34.800 27.29 1484.8 08S 00378 06.73 34.834 27.29 1484.5 08S 00382 06.38 34.775 27.35 1482.6																
OBS 00346 08.11 34.983 27.26 1488.9 OBS 00342 07.46 34.875 27.28 1486.3 OBS 00346 07.44 34.895 27.29 1486.3 OBS 00350 07.05 34.82U 27.29 1484.8 OBS 00359 06.96 34.800 27.29 1484.5 OBS 00378 06.73 34.834 27.34 1484.0 OBS 00382 06.38 34.775 27.35 1482.6			OBS	00310	Ce. 70	35.050	27.23		1490.7							
OBS 00342 07.46 34.875 27.28 1486.3 OBS 00346 07.44 34.895 27.29 1486.3 OBS 00350 07.05 34.82U 27.29 1484.8 OBS 00359 06.96 34.800 27.29 1484.5 OBS 00378 06.73 34.834 27.34 1484.0 OBS 00382 06.38 34.775 27.35 1482.6						35.010										
O8S 00346 07.44 34.895 27.29 1486.3 OBS 00350 07.05 34.82U 27.29 1484.8 OBS 00359 06.96 34.800 27.29 1484.5 OBS 00378 06.73 34.83u 27.34 1484.0 OBS 00382 06.38 34.775 27.35 1482.6					07-46											
OBS 00359 06.96 34.800 27.29 1484.5 OBS 00378 06.73 34.834 27.34 1484.0 OBS 00382 06.38 34.775 27.35 1482.6			085	00346	07.44	34.895	27.29		1486.3							
085 00378 06.73 34.836 27.34 1484.0 085 00382 06.38 34.775 27.35 1482.6																
OBS 00382 06-38 34-775 27-35 1482-6																
			085	00382	06.38	34.775	27.35		1482.6							
			OBS	00390	06.36	34.780	27.35		1482.6							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

CASTNUMTIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXY G	P0 4	TOT	Ρ	NO2	NO3	\$103	PH
	OBS	00399	04-40	34.510	27.38		1474.5								
	STD	00400	04.39	34.51	27.38	00.462	1474.4								
	OBS	00401	04.35	34.520	27.39		1474.3								
	CBS	00411	04.40	34.584	27.43		1474.7								
	085	00418	04.77	34.032	27-43		1476.5								
	GBS	30422	04.44	34.584	27.43		1475.1								
	OBS	00451	03.50	34.560	27.47		1473.3								
	OBS	00454	03.94	34.550	27.46		1473.5								
	OB S	00464	05.00	34.87	27.52		1480.9								
	085	00475	05.71	34.896	27.52		1481.6								
	OBS	00479	05.44	34.846	27.52		1480.5								
	STD	00500	05.57	34.91	27.56	00.530	1481.4								
	CBS	00500	05.57	34.910	27.56		1481.5								
	OBS	00533	05.63	34.990	27.61		1482.3								
	OBS	00536	05.87	35.020	27.61		1483.4								
	OBS	00548	05.60	34.980	27.61		1482.5								
	DBS	00550	05.66	34.990	27.61		1482.8								
	OBS	00561	05.51	34.900	27.60		1482.3								
	OBS	00563	05.28	34.920	27.60		1481.3								
	STD	00600	04.99	34.91	27.63	00.588	1480.7								
	085	00601	04.98	34.910	27.63		1480.7								
	OBS	00651	04.85	34.935	27.06		1481.0								
	STD	30700	04.73	34.93	27.68	00.640	1481.4								
	085	00702	04.73	34.935	27.68		1481.4								
	OBS	00750	04.82	34.570	27.69		1482.6								
	STO	00800	34.63	34.96	27.71	00.690	1482.7								
	OBS	00801	04.63	34.966	27.71		1482.7								
	088	00850	04.48	34.952	27.72		1482.9								
	STD	00900	04.24	34.92	27.72	00.738	1482.6								
	OBS	00900	04.24	34.922	27.72		1482.6								
	OBS	00951	04.28	34.95>	27.74		1483.7								
	STD	01000	04.37	34.98	27.75	00.785	1484.9								
	OBS	01003	04.37	34.980	27.75		1485.0								
	OBS	31022	04.37	34.980	27.75		1485.3								

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID 31 8371 CONSEC 0076 LAT 43 40.0N LONG 046 03.5W	MONT	1974 H 07 02 01.8	BOTOP 04206 SHIP EV DATA USE 1 AREA 05			DIR H 21 SEA CL/TR	GT PER 1 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	14	TR DU	AC E RATI		00 • 5	5	N SQ 1 SQUARE SQUARE SQUARE	2 26
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT	P	NO2	N03	\$103	PH	
	STD	00000	16.55	35.02	25.66	00.000	1512.2									
01.8	085	00003	16.55	35.025	25.66	00.023	1512.3 1512.4									
	STD OBS	00010	16.55 16.55	35.03 35.033	25.66 25.66	00.023	1512.4									
	08\$	00019	16.54	35.046	25.67		1512.5									
	STD	00020	16.61	35.15	25.74	00.046	1512.9									
	085	00022	16.69	35-412	25.92		1513.5									
	STD	00030	16.03	35.65	26.26	00.067	1511.9									
	OBS STD	00030	15.99 15.82	35.666 35.83	26.2 7 26.45	00.101	1511.8									
	OBS	00051	15.79	35.835	26.46	000101	1511.7									
	OBS	00068	15.33	35.790	26.52		1510.5									
	STD	00075	15.32	35.83	26.56	00.140	1510.7									
	OBS STD	00076	15.32 15.29	35.835 35.87	26.56 26.60	00.177	1510.7									
	OBS	00100	15.28	35.873	26.60	004211	1511.0									
	STD	00125	14.52	35.73	26.66	00.213	1508.8									
	CBS	00125	14.50	35.73C	26.66	00.010	1508.8									
	STD OBS	00150	13.98 13.97	35.63 35.628	26.70 26.70	OC.249	1507.3									
	OBS	00175	13.72	35.606	26.73		1506.9									
	STD	00200	13.54	35.60	26.77	00.317	1506.7									
	OBS	00203	13.51	35.600	26.77		1506.7									
	OBS	00220	13.32	35.585	26.80		1506.3 1505.4									
	08 S 08 S	00224	13.05 13.05	35.520 35.530	26.80 26.81		1505.4									
	OBS	00228	13.04	35.520	26.81		1505.4									
	OBS	00232	12.81	35.480	26.82		1504.6									
	085	00237	12.70	35.460	26.83		1504.3									
	OBS OBS	00247	12.96 12.55	35.580 35.460	26.87 26.86		1505.5 1504.0									
	STD	00250	12.55	35.47	26.86	00.383	1504.0									
	085	00251	12.55	35.480	26.87		1504.1									
	OBS	00253	12.55	35.480	26.87		1504.1									
	085 085	00257	12.73 12.70	35.550 35.550	26.89		1504.9 1504.8									
	OBS	00266	12.47	35.500	26.90 26.90		1504.1									
	085	00277	12.23	35.460	26.92		1503.4									
	STO	00300	11.69	35.40	26.98	00.443	1501.8									
	085	00300	11.67	35.400	26.98		1501.8									
	OBS OBS	00308 00312	11.49 11.16	35.39 35.320	27.01 27.01		1501.3									
	OBS	00316	11.11	35.325	27.03		1500.0									
	OBS	00319	10.90	35.295	27.04		1499.2									
	085	00321	10.92	35.30	27.04		1499.3									
	OBS OBS	00323	10.60	35.210 35.220	27.03 27.04		1458.1 1498.1									
	CBS	00335	10.88	35.313	27.06		1499.4									
	OB\$	00344	10.68	35.290	27.08		1458.9									
	08S 08S	00352	09.74	35.110	27.10		1495.4									
	085	00354	09.74 10.19	35.110 35.215	27.10 27.11		1495.4									
	085	00367	10.02	35.175	27.10		1496.7									
	OBS	00371	09.49	35.070	27.11		1494.7									
	STD	00400	09.62	35.19	27-19	0C.550	1495.8									
	085 085	00401 00418	09.63	35.200	27.19 27.20		1495.9									
	OBS	00422	08.86	35.060	27.21		1493.2									
	OBS	00428	08.62	35.075	27.23		1493.2									
	OBS	00432	07.85	34.897	27.24		1489.3									
	OBS OBS	00437 00447	07.81 08.48	34.910 35.050	27.25 27.26		1489.3									
	OBS	00451	08.44	35.056	27.27		1492.1									
	OBS	00474	08.42	35.090	27.30		1492.4									
	OBS	00477	08.18	35.046	27.30		1491.5									
	OBS	00481 00485	08.12 07.84	35.030 34.980	27.30 27.30		1491.3									
	OBS	00491	07.82	34.990	27.31		1490.3									
	OBS	00494	06.79	34.830	27.33		1486.1									
	STD	00500	06.77	34.83	27.34	00.640	1486.1									
	08S 08S	00500	06.76 06.34	34.830 34.830	27.34		1486.1									
	085	00538		34.980	27.40 27.41		1484.7									
	OBS	00546		34.743	27.41		1482.3									

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT	Ρ	NO2	NO3	\$103	PH
	085	00550	05.45	34.735	27.41		1482.4								
	OBS	00561	05.17	34.670	27.42		1480.5								
	085	00563	05.17	34.690	27.43		1480.6								
	OBS	00567	05.48	34.740	27.43		1482.0								
	OBS	00573	05.51	34.760	27.45		1482.2								
	280	00578	05.84	34.830	27.46		1483.7								
	085	00592	05.84	34.840	27.47		1484.0								
	STD	00600	04.64	34.66	27.47	00.716									
	280	00609	03.92	34.575	27.48	_	1476.0								
	088	00618	03.92	34.616	27.51		1476.2								
	085	00624	05.30	34.870	27.56		1482.4								
	085	00639	05.30	34.850	27.54		1482.6								
	OB\$	00647	04.69	34.750	27.53		1480.1								
	OBS	00649	04.37	34.730	27.55		1478.7								
	OB\$	00651	04.35	34.720	27.55		1478.7								
	OBS	00664	03.60	34.642	27.56		1475.6								
	OBS	00670	03.60	34.680	27.59		1475.8								
	OBS	00675	04.30	34.773	27.60		1479.0								
	085	00685	04.44	34.800	27.60		1479.7								
	OBS	00689	04.99	34.902	27.62		1482.2								
	STD	00700	05.05	34.91	27.62	00.778	1482.6								
	OBS	00700	05.05	34.910	27.62		1482.7								
	085	00731	05.30	34.990	27.65		1484.3								
	OBS	00734	05.75	35.060	27.65		1486.3								
	280	00751	05.79	35.080	27.66		1486.7								
	085	00788	05.67	35.075	27.67		1486.8								
	OBS	00797	05.38	35.015	27.66		1485.8								
	STD	00800	05.35	35.03	27.68	00.833	1485.7								
	OBS	00801	05.34	35.035	27.68		1485.7								
	088	00850	04.98	34.990	27.69		1485.0								
	STD	00900	04.82	34.98	27.70	00.884	1485.1								
	OBS	00900	04.82	34.980	27.70		1485.1								
	085	00951	04.78	35.000	27.72		1485.8								
	STD	01000	04.61	34.99	27.73	00.934									
	OBS	01001	04.60	34.990	27.73		1485.9								
	OBS	01022	04.50	34.984	27.74		1485.8								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 83 CONSEC 00 LAT 43 224 LONG 046 144)77 , IN	MONT	1974 1 07 02 05.6	BCTDP 04457 SHIP EV DATA USE 1 AREA 05	AIR T WET E BARCE CLUUD	ULB 16.	.3 20	HGT PER I 2 TR	WIND-DI WIND-SP WIND-FO WEATHER	D 16 R	TRACE DURAT		00•3	5	N SQ 1306 SQUARE 2 SQUARE 26 SQUARE 36
CASTNUM/TI	4E	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	TAGNAD	H SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
		STD	00000	16.70	35.04	25.63	00.00								
05	6	OBS	00003	16.70	35.040	25.63 25.79		1512.8							
		OBS	00007	16.83 17.32	35.280 35.41	25.77	00.02								
		OBS	00011	17.57	35.500	25.78		1516.0							
		08.5	00017	18.33	35.976	25.95		1518.9							
		STD	00020	18.44	36.020	25.95 25.96	00.04	5 1519.3 1519.4							
		CBS CBS	00020	18.46	36.020	25.57		1519.5							
		STD	00030	17.94	35.96	26.04	00.06	5 1518.0							
		OBS	00030	17.89	35.950	26.04		1517.8							
		OBS OBS	00036	17.14 16.56	35.830 35.890	26.13		1515.2							
		CBS	00041	17.12	35.996	26.26		1515.8							
		OBS	00045	16.93	35.940	26.27		1515.2							
		OBS	00049	16.58	35.876	26.30 26.30	00.10	2 1513.5							
		510 08\$	00050	16.40 15.57	35.62 35.696	26.30	00.10	1512.1							
		OBS	00055	15.33	35.566	26.35		1510.0							
		OBS	00059	15.27	35.616	26.40		1510.0							
		08.5	00066	14.71	35.576 35.576	26.49 26.49		1508.4							
		08S	00074	15.01	35.650	26.49		1509 .4							
		STD	00075	14.65	35.61	26.49	00-14	4 1508.9							
		OBS	00079	14.13	35.450	26.52		1506.5 1507.8							
		08S 08S	00091	14.43 15.22	35.63u 35.87C	26.60 26.61		1510.7							
		STO	20100	15.22	35.85	26.60	00.18	2 1510.8							
		DBS	00100	15.22	35.65G	26.60	00.01	1510.8							
		STD	00125	14.57	35.81 35.810	26.62 26.62	00.21	1510.3							
		OBS	00123	14.50	35.810	26.64		1510.3							
		STD	00150	14.49	35.71	26.65	00.25	5 1509.1							
		OBS	00152	14.43	35.695	26.65 26.71		1508.9 1507.5							
		085 C85	00175	13.93	35.636	26.72		1507.3							
		OBS	00192	12.43	35.540	26.74		1506.1							
		OB\$	00198	13.45	35.560	26.75	00.31	1506.3 1505.6							
		STD	00200	13.24 12.91	35.50 35.426	26.75 26.75	00.3	1504.4							
		08S 08S	00205	12.67	35.400	26.79		1504.0							
		OBS	00249	12.48	35.410	26.83		1503.7							
		STO	00250	12.52	35.42 35.53¢	26.84	00.3	1503.9							
		OBS OBS	00255	12.82	35.600	26.86		1506.1							
		OBS	00277	13.00	35.626	26.89		1506.2							
		STD	00300	12.49	35.54	26.93	00-4	54 1504.7 1504.4							
		OBS OBS	00304	12.38 11.62	35.525 35.420	26.94 27.01		1502.2							
		OBS	00346	10.92	35.275	27.02		1499.7							
		085	00350	10.92	35.304	27.04		1499.8 1499.8							
		OBS	00352	10.90 10.56	35.290 35.210	27.04		1498.5							
		085	00376	05.51	34.990	27.05		1494.8							
		CBS	00378	09.45	35.060	27.11		1494.7 1491.7							
		OBS	00382	08.70	34.900 34.90u	27-11 27-11		1491.7							
		08 S 08 S	00392		34.830	27.11		1490.4							
		OBS	00395	08.34	34.830	27.11		1490 - 5							
		STD	00400		34.76	27.11	00.5	66 1488.9 1488.6							
		CBS OBS	00401 00405	07.84	34.740	27.11 27.11		1488.6							
		085	00416		34.920	27-14		1491.9							
		OBS	00434		34.867	27.15		1490.8							
		OBS OBS	00439		34.910	27.15 27.15		1491.5							
		085	00447		34.995	27.17		1493.3							
		CBS	00449		34.980	27.16		1493.2 1494.3							
		OBS OBS	00456		35.020 35.010	27.15 27.16		1493.9							
		085	00464		34.940	27.17		1492.5							
		OBS	00485	08.47	34.995	27.22		1492.7							
		085	00493		35.116 35.11	27.24 27.24	00.4	1494.6 65 1494.8							
		STD	00500	08.93	37422	61069	0000								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

CASTNUMTIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	PO 4	TOT	Ρ	NO2	NO3	5103	PH
	OBS	00502	08.93	35.110	27.24		1494.8								
	OBS	00514	08.61	35.074	27.25		1493.8								
	085	00525	07.82	34.930	27.27		1490.8								
	OBS	00527	07.94	35.040	27.33		1491.4								
	OBS	00533	08.31	35.100	27.33		1493.0								
	OBS	00550	07.88	35.040	27.34		1491.6								
	STD	00600	07.31	35.02	27.41	00.751	1490.1								
	OB\$	00601	07.16	34.990	27.41		1489.6								
	OBS	00605	06.75	34.910	27.40		1487.9								
	OBS	00614	06.50	34.890	27.42		1487.1								
	OB\$	00616	06.23	34.870	27.44		1486.0								
	OBS	00620	06.23	34.890	27.46		1486.1								
	OBS	00632	06.68	35.000	27.48		1488.2								
	OBS	00651	06.63	35.000	27.49		1488.3								
	OBS	00694	06.32	35.020	27.55		1487.8								
	STD	00700	05.46	34.88	27.55	00.822	1484.3								
	085	00717	04.01	34.670	27.54		1478.3								
	OBS	00719	03.99	34.670	27.55		1478.2								
	OBS	00725	03.74	34-640	27.55		1477.2								
	OBS	00727	03.68	34.620	27.54		1477.0								
	OBS	00731	03.60	34.630	27.55		1476.7								
	OBS	00734	03.62	34.646	27.56		1476.9								
	OBS	00740	03.99	34.720	27.59		1478.7								
	OBS	00751	03.99	34.720	27.59		1478.8								
	OBS	00761	04.17	34.786	27.61		1479.8								
	OBS	00772	04.60	34.830	27.61		1481.9								
	OBS	00778	04.49	34.830	27.62		1481.5								
	STD	00800	03.99	34.75	27.61	00.882	1479.7								
	OBS	00801	03.97	34.750	27.61		1479.6								
	085	00818	03.81	34.756	27.63		1479.2								
	085	00829	04.21	34.830	27.65		1481.2								
	085	00850	04.51	34.890	27.67		1482.9								
	STD	00900	04.99	34.98	27.68	00.936	1485.8								
	OBS	00900	04.99	34.980	27.68		1485.8								
	085	00951	04.56	34.950	27.71		1484.9								
	STD	01000	04.70	35.00	27.73	00.987	1486.3								
	DB S	01001	04.71	35.000	27.73		1486.4								
	OBS	01022	04.80	35.005	27.72		1487.1								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFIO 31 8371 CONSEC' 0078 LAY 42 59.5N LONG 040 20.6W	MONT	1974 H 07 02 09•5	BOTDP 04365 SHIP EV DATA USE 1 AREA 05		TEMP 18.0 BULB 17.2 METR 1020.0 D T/A	DIR H 21 SEA CL/TR	GT PER 0 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	10	TR A	CE	TO RECOURT ON 11 680	00 • 4	5 2	EN SQ 1306 SQUARE 26 SQUARE 26 SQUARE 26
CASTNUMYTIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	O XY G	P04	101	Ρ	NO2	NO3	\$103	PH
	STD	00000	18.66	35.96	25.86	00.000	1519.5								
09.5	OBS STD	00000	18.66 18.64	35.96∠ 35.97	25.86 25.87	00.021	1519.5 1519.7								
	OBS .	00011	18.64	35.970	25.87		1519.7								
	OBS	00017	18.66	35.97G	25.87		1519.8								
	STD	00020	18.52	35.97	25.90	00.043	1519.5								
	OBS STD	00020	18.48 18.27	35.966 36.05	25.91 26.03	00.063	1519.4 1519.0								
	085	00030	18.26	36.055	26.03	00:003	1519.0								
	STD	00050	17.49	36.07	26.23	00.102	1517.1								
	OBS	00051	17.46	36.076	26.24	00.145	1517.0 1517.6								
	STD OBS	00075	17.45 17.44	36.25 36.250	26.38 26.38	00.143	1517.6								
	STD	00100	17.61	36.18	26.44	00.187	1516.6								
	OBS	00102	16.96	36.175	26.44		1516.5								
	STD	00125	16.57 16.56	36.11 36.110	26.49 26.49	00.227	1515.7 1515.6								
	STD	00150	16.20	36.02	26.50	00.267	1514.8								
	OBS	00150	16.19	36.020	26.51		1514.8								
	OBS	00156	16.24	36.100	26.55		1515.1								
	OBS OBS	00159	16.03 15.85	36.030	26.55 26.57		1514.5 1514.1								
	STD	00200	15.40	35.88	26.58	00.345	1513.0								
	OBS	00201	15.35	35.872	26.59		1512.9								
	OBS	00228	14.46	35.737	26.68	00 (10	1510.3								
	STD	00250	14.34	35.75 35.750	26.71 26.71	00.418	1510.3								
	08S 08S	00251	14.33 14.11	35.730	26.75		1510.0								
	STD	00300	13.81	35.71	26.79	00-487	1509.4								
	OBS	00302	13.77	35.700	26.79		1509.3								
	OBS STD	00352	12.64 11.88	35.527 35.46	26.89 26.99	00-616	1506 • 1 1504 • 2								
	085	00401	11.85	35.460	26.99	000014	1504.1								
	OBS	00451	10.64	35.290	27.08		1500.5								
	STD	00500	09.63	35.17	27.16	00.724	1497.4								
	OBS OBS	00500	09-62 08-60	35.165 35.075	27.16 27.26		1494.3								
	OBS	00582	08-11	35.016	27.29		1492.9								
	OBS	00588	07.09	34.820	27.29		1488.8								
	085	00592	06.46	34.760	27.32	00 917	1486.3 1486.7								
	STD	00600	06.52 06.53	34.78 34.780	27.33 27.33	00.617	1486.8								
	085	00605	06.18	34.720	27.33		1485.4								
	085	00611	06.05	34.750	27.37		1485.0								
	OBS OBS	00616	06.41 06.45	34.830 34.830	27.39 27.38		1486.6 1486.8								
	085	00620	05.87	34.720	27.37		1484.4								
	OBS	00622	05.85	34.740	27.39		1484.4								
	085	00630	05.48	34.670	27.38		1482.9								
	OBS	00632	05.34 05.91	34.683 34.84U	27.41 27.46		1485.1								
	OBS	00652	06.02	34.876	27.47		1485.7								
	085	00654	06.07	34-860	27-45		1486.0								
	08S	00672	05.50 05.80	34.800	27.48 27.50		1483.9 1485.2								
	OBS	00677	05.84	34.670	27.49		1485.4								
	OBS	00685	06.34	34.970	27.51		1487.7								
	STO	00700	06.22	34.98	27.53	00.892	1487.5								
	OBS	00702	06.20 06.66	34.990	27.54 27.55		1487.4								
	OBS OBS	00729	06.41	35.035	27.55		1488.8								
	OBS	00757	06.34	35.076	27.58		1489.0								
	STD	00800	06.13	35.05	27.60	00.956	1488.9								
	OBS	00803	06-12 05-96	35.050 35.080	27.60 27.64		1488.9								
	OBS OBS	00850 00873	05.69	35.040	27.64		1488.3								
	OBS	00881	05.21	34.975	27.65		1486 - 4								
	OBS	00889	05.19	34.960	27.64		1486 - 4								
	OBS	00896	04.98 05.01	34.950 34.96	27.66 27.66	01-014	1485.7								
	OBS	00900	05.01	34.960	27.66	010014	1485.9								
	OBS	00951	04-90	34-966	27.68		1486.3								
	STD	01000	04.80	34.97	27.70	01.068									
	08S	01001	04.80 04.77	34.970	27.70 27.70		1486.7								
	085	01020	04.77	34.572	27.70		1486.9								
	-55														

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 83' CONSEC 00' LAT 43 10-1	9 MON	R 1974 TH 07 02	BOTOP 0384 SHIP EV DATA USE	WET	TEMP 15.1 BULB 15.1	17	GT PER 2 8	WIND-DIR WIND-SPD	16	IN	ST	STD	REC R	ORDER	5	EN SQ 13 SQUARE	06
LONG 046 54.	HOU	R 13.4	AREA O	CLUL	METR 1019.6 ID T/A	SEA CL/TI	R	WIND-FOR WEATHER		EU	RAT	ION	681	00.4	2	SQUARE SQUARE	26
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	тет	Ρ	NI	32	NO3	\$103	PH	
13.4	STD	00000	11.40	32.70	24.94	00.000	1492.5										
13.4	OBS OBS	00003	11.40	32.700	24.94		1492.5										
	OBS	00009	10.53 10.26	32.683 32.720	25.08 25.15		1489.5										
	STD	00010	10.24	32.72	25.16	00.029	1488.6 1488.5										
	085	00011	10.19	32.730	25.17	000029	1488.4										
	OBS OBS	00015	08.31	32.763	25.50		1481.4										
	STD	00020	08.16 06.34	32.82G 32.77	25.56		1481.0										
	OBS	00020	05.89	32.760	25.77 25.82	00.055	1473.8										
	STD	00030	04.38	33.04	26.21	00.075	1466.3										
	OBS OBS	00030	04.32	33.050	26.23		1466.1										
	085	00040	03.78 03.66	33.12s 33.142	26.34 26.37		1464.0										
	08\$	00041	02.99	33.070	26.37		1463.6										
	OBS	00047	02.58	33.250	26.55		1459.2										
	STD OBS	00050	02.18	33.28	26.61	00.107	1457.5										
	OBS	00051 00053	02.00	33.292	26.63		1456.8										
	OBS	00055	01.05	33.217	26.64 26.63		1456.0										
	OBS	00057	00.54	33.320	26.75		1452.5										
	08S	00059	00.56	33.390	26.80		1450.6										
	CBS	00060	00.89	33.407	26.79		1452.1										
	08\$	00066	00.98	33.440 33.44∠	26.82 26.83		1452.6										
	085	00070	00.44	33.460	26.86		1452.0 1450.3										
	STD	00075	00.63	33.60	26.96	00.139	1451.5										
	08S 08S	00078	00.79	33.657	27.00		1452.3										
	OBS	00085	00.90	33.680 33.895	27.01 27.03		1452.9										
	085	00089	07.94	34.670	27.05		1462.3										
	OBS	00091	08.15	34.740	27.07		1484.7										
	08 S S T D	00099	08.00	34.725	27.08		1484.2										
	OBS	00100	07.74 07.52	34.67 34.620	27.07	00.166	1483.1										
	STD	00125	07.48	34.65	27.07 27.10	00.191	1482.2										
	OBS	00125	07.48	34.655	27.10	000171	1482.5										
	OBS OBS	00127	07.47	34.656	27-10		1482.5										
	085	00144	08.31 08.54	34.860 34.965	27.14 27.18		1486.1										
	STD	00150	09.18	35.09	27.18	00.215	1487.3 1489.9										
	OBS	00150	09.20	35.090	27.18	001213	1490.0										
	OBS	00152 00158	09.26	35.097	27.17		1490.3										
	085	00161	09.42 09.47	35.120 35.130	27.16		1451.0										
	OBS	00169	08.32	34.893	27.16 27.16		1491.3										
	OBS OBS	00177	08.13	34.910	27.20		1486.2										
	OBS	00180 00188	08.04	34.870	27.19		1485.9										
	OBS	00192	07.25 06.70	34.750 34.677	27.21 27.23		1482.8										
	OBS	00198	06.87	34.690	27.21		1480.6										
	STD OBS	00200	06.00	34.55	27.22	00.260	1477.8										
	OBS	00201	05.53 05.56	34.480	27.22		1475.8										
	OBS	00211	05.93	34.550	27.23		1477.7										
	OBS	00215	05.35	34.454	27.23 27.22		1477.7										
	OBS	00217	04.99	34.410	27.23		1473.8										
	085	00218	04.96	34.510	27.31		1473.8										
	OBS	00224	05.33 05.39	34.547 34.570	27.30 27.31		1475.4										
	OBS	00226	05.67	34.620	27.32		1475.7 1477.0										
	OBS	00230	06.66	34.790	27.32		1481.2										
	08 S	00239	06.86	34.800	27.30		1482.2										
	STD	00250		34.66	27.31 27.31		1478.8										
	OBS	00251	05.89	34.650	27.31	00.303	1478.6 1478.3										
	OBS	00257	05.24	34.580	27.34		1475.7										
	085	00264	05.18	34.567	27.33		1475.5										
	OBS	00277		34.495	27.34		1473.2										
	OBS	00281	05.59	34.720	27.40 27.40		1474.7 1477.7										
	085	00289	05.86	34.785	27.42		1479.0										
	OBS	00297		34.830	27.43		1480.1										
				34.880	27.43		1481.4										

TABLE 1. CGC EVERGREEN, April—June 1974—(Continued)

FTD 00000 04 70 24 00 27 47 00 244 1464 4	
STD 00300 06.38 34.88 27.43 00.341 1481.4	
OBS 00302 06.37 34.880 27.43 1481.4	
OBS 00304 06.38 34.880 27.43 1481.4	
UB5 00310 06.16 34.850 27.43 1480.6	
OBS 00319 06.23 34.870 27.44 1481.1	
OBS 00323 05.62 34.776 27.44 1478.6	
OBS 00329 05.53 34.750 27.44 1478.3	
OBS 00335 05.23 34.710 27.44 1477.1	
OBS 00342 04.14 34.563 27.45 1472.5	
DBS 00350 04.04 34.610 27.49 1472.3	
DBS 00354 03.62 34.566 27.50 1470.5	
08\$ 00388 04-21 34-690 27.54 1473-7	
DBS 00395 03.50 34.600 27.54 1470.7	
STD 00400 03.44 34.60 27.55 00.405 1470.5	
OBS 00401 03.42 34.600 27.55 1470.5	
OBS 00439 03.54 34.710 27.62 1471.8	
DBS 00449 05.45 34.980 27.63 1480.2	
STD 00500 05.50 34.99 27.63 00.461 1481.3	
OBS 00500 05.50 34.990 27.63 1481.3	
OBS 00525 04.96 34.96u 27.67 1479.5	
OB\$ 00533 05.16 34.99G 27.67 1480.4	
OBS 00540 05-17 34-980 27-66 1480-6	
OBS 00550 04.56 34.910 27.68 1478.1	
OBS 00561 04.56 34.905 27.67 1478.3	
OBS 00567 04-32 34-875 27-67 1477-4	
STD 00600 04.51 34.92 27.69 00.512 1478.8	
OBS 00601 04.52 34.920 27.69 1478.8	
085 00633 04.66 34.950 27.70 1480.0	
OBS 00641 04.31 34.900 27.70 1478.6	
OBS 00651 04.34 34.905 27.70 1478.9	
OBS 00656 04.60 34.955 27.71 1480.1	
STD 00700 04.45 34.93 27.71 00.559 1480.2	
UBS 90700 04.45 34.933 27.71 1480.2	
OBS 00750 04-31 34-93U 27-72 1480-4	
STD 00800 04.26 34.95 27.74 00.605 1481.1	
085 00801 04.26 34.950 27.74 1481.1	
085 00850 04-37 34-954 27-73 1482-4	
STD 00900 04.24 34.95 27.74 00.651 1482.7	
OBS 00900 04.24 34.954 27.74 1482.7	
OBS 00953 04-18 34-940 27-74 1483-3	
STD 01000 04.05 34.94 27.75 00.696 1483.6	
085 01003 04.05 34.940 27.75 1483.6	
OBS 01026 04-03 34-940 27-76 1483-9	

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

CASTNOWTINE LYLIPP 06PT Temp SAL SIGNA-T DYNOTIP SAC VEL DATG P3A TGT NOZ NO3 ST03 P4 17-1 310 000005 11.11.03 32.68 23.11.1 CC.000 1451.7	CONSEC 0080 M LAT 43 21.0N D	EAR 1974 CNTH 07 AY 02 OUR 17.1	BCTDP 03676 SHIP EV DATA USE 1 AREA 05	AIR TEM RET BUL BARDMETI CLUUD TA	B 13.1 R 1019.2		IGT PER 2 2	WIND-DIR WIND-SPD WIND-FOR WEATHER	12	TRA	CE D	IR	DRDER D 00.4	5 5	N SQ 1306 SQUARE 2 SQUARE 26 SQUARE 37
17-1	CASTNUM/TIME LVLT	YP DEPTH	TEMP	SAL S	IGMA-T	DYNDPTH	SAC VEL	DXY G	P34	TOT	P 1	NO2	NO3	\$103	PH
STIC COULD CH. 22.02 23.13 CO. 28.08 CO. 28.09 CO. 28.08 CO.	17.1 OBS	00001	11.13 11.06	32.875 32.665	25.12 25.13	CC.000	1491.6 1491.6								
085 00019 09-16 32-07 25-04 1-00-19 1-	ST OBS OBS	00010 00011 00013	09.81 08.37 06.89	32.62 32.41 <u>4</u> 32.610	25.15 25.21 25.58	00.028	1486.8 1481.2 1475.7								
STO 00000 03-95 33-17 26-36 00-071 140-7	ST	00019 00020 00020	05.16 05.66 04.56	32.670 2 32.81 2 32.910 2	5.64 25.96 26.05	00.053	1468.9 1468.7 1468.4								
CRS 0304 03-60 33-59 26-57 1463.7	08S 08S	00030	03.95 03.87 03.16	33.17 2 33.180 2 33.180 2	6-36 6-38 6-44	00.071	1464.7 1464.4 1461.4								
CBS OUGS O	OBS STI OBS	00047 00050	02.43	33.39 2 33.27 2 33.36 2	26.57 20.58 26.65	00.102	1463.7 1458.6 1458.7								
085 00072 01.94 33.839 27.07 1457.6 085 00075 01.96 33.88 27.10 00.132 1457.8 085 00076 02.66 33.910 27.12 1457.8 085 00087 02.13 34.72 77.12 1458.3 085 00087 02.13 34.72 77.12 1472.0 085 00087 02.13 34.72 77.13 1472.0 085 00097 03.59 34.38 7 27.14 1472.0 085 00097 03.59 34.38 7 27.14 1472.0 085 00097 03.59 34.38 7 27.14 1472.0 085 00100 02.13 34.72 77.13 00.156 1475.7 085 00100 02.13 34.72 77.13 00.156 1475.7 085 00110 02.3 34.50 27.16 1477.0 085 00110 02.3 34.50 27.16 1477.0 085 00110 02.3 34.50 27.16 1478.4 085 001110 02.3 34.50 27.16 1478.4 085 001110 02.3 34.50 27.16 1478.4 085 00112 07.3 34.50 27.18 1481.1 085 00112 07.13 34.50 27.18 1481.1 085 00112 07.13 34.50 27.18 1481.1 085 00112 07.13 34.50 27.18 1481.1 085 00112 07.3 34.50 27.18 1481.1 085 00112 07.3 34.70 27.18 1482.7 085 0017 07.48 34.70 27.18 1482.7 085 0017 07.48 34.70 27.18 1482.7 085 0017 07.48 34.70 27.18 1482.7 085 0018 0012 06.23 34.50 27.19 00.202 1478.3 085 0018 02.2 34.70 27.17 1479.9 085 0018 02.2 34.70 27.17 1479.9 085 0018 02.2 34.70 27.17 1479.9 085 0018 02.3 34.50 27.19 00.202 1478.3 085 0010 02.3 34.57 27.15 1477.2 1479.9 085 0010 02.0 02.3 34.57 27.17 1479.9 085 0010 02.0 02.3 34.57 27.17 1479.9 085 0010 02.0 02.3 34.57 27.17 1479.9 085 0010 02.0 02.3 34.57 27.17 1479.9 085 0010 02.0 02.3 34.57 27.17 1479.9 085 0010 02.0 02.3 34.57 27.18 1492.7 085 0010 02.0 02.0 02.0 02.0 02.0 02.0 02.0	OBS OBS OBS	00060 00062 00064	00.88 00.52 00.34	33.403 2 33.385 2 33.477 2	26.79 26.80 26.88		1452.1 1450.5								
085 00087 05.13 3-2.75 27.11 1473.0 085 00091 05.59 34.387 27.11 1473.0 085 01004 05.59 34.387 27.14 1473.0 085 01100 06.21 34.475 27.13 1477.0 085 01100 06.21 34.475 27.13 1477.0 085 00110 06.23 34.610 27.16 1478.4 085 00110 06.73 34.610 27.17 1479.4 085 00110 07.48 34.79 27.18 1481.1 085 00127 07.48 34.70 27.18 1481.1 085 00142 07.48 34.70 27.18 1482.1 085 00142 07.48 34.70 27.18 1482.1 085 00140 06.19 34.610 27.17 1479.9 085 00140 06.19 34.610 27.17 1479.9 085 00142 06.19 34.610 27.17 1479.9 085 00142 06.19 34.610 27.17 1479.9 085 00142 06.19 34.610 27.17 1479.9 085 00140 06.19 34.610 27.17 1479.9 085 00140 06.19 34.610 27.17 1479.9 085 00150 06.22 34.57 27.18 1482.5 085 00150 06.32 34.57 27.18 1479.9 085 00150 06.32 34.50 27.17 1479.9 085 00150 06.32 34.50 27.17 1479.9 085 00150 06.32 34.50 27.17 1479.9 085 00150 06.32 34.50 27.17 1479.9 085 00150 06.32 34.57 27.19 1479.3 085 00150 06.32 34.50 27.27 15 1478.3 085 00150 06.32 34.50 27.27 16 1478.3 085 00150 06.32 34.50 27.27 16 1478.3 085 00150 06.32 34.50 27.27 16 1478.3 085 00150 06.32 34.50 27.27 16 1478.3 085 00150 06.32 34.50 27.27 16 1478.3 085 00150 06.32 34.50 27.27 16 1478.3 085 00150 06.32 34.50 27.27 16 1478.3 085 00257 03.82 34.50 27.27 16 1479.9 085 00250 04.76 34.76 27.53 16 1479.9 085 00250 04.76 34.76 27.53 16 1479.9 085 00250 04.76 34.70 27.53 16 1479.9 085 00250 04.76 34.70 27.53 16 1479.9 085 00250 04.76 34.90 27.65 1479.0 085 00250 04.78 34.90 27.65 1479.0 085 00250 04.78 34.90 27.65 1479.0 085 00250 04.78 34.90 27.65 1479.0 085 00250 04.79 34.90 27.75 1480.3 085 00250 04.79 34.90 27.75 1480.3 085 00250 04.79 34.90 27.75 1480.3 085 00250 04.79 34.90 27.75 1480.3 085 00250 04.79 34.90 27.75 1480.3 085 00250 04.79 34.90 27.75 1480.3 085 00250 04.79 34.90 27.75 1480.3 085 00250 04.79 34.90 27.75 1480.3 085 00250 04.79 34.90 27.75 1480.3 085 00250 04.79 34.90 27.75 1480.3 085 00250 04.79 34.90 27.75 1480.3 085 00250 04.79 34.90 27.75 1480.3 085 00250 04.79 34.90 27.75 1480.3 085 00250 04.	08S STI 08S	00072 00075 00076	01.54 01.96 02.06	33.635 2 33.88 2 33.91u 2	7.07 7.10 7.12	00.132	1457.6 1457.8 1458.3								
085 00104 0c-21 34-47b 27-13 1-70-9 085 00110 0c-23 34-47b 27-13 1-477-0 085 00110 0c-53 34-50c 27-16 1-478-4 085 00110 0c-53 34-50c 27-17 1-478-4 085 00110 07-13 34-000 27-17 1-478-4 085 00111 07-13 34-000 27-17 1-481-1 085 00112 07-13 34-000 27-17 1-481-1 085 00127 07-48 34-73 27-18 0C-179 1-481-1 085 00127 07-48 34-73 27-18 0C-179 1-481-1 085 00127 07-48 34-73 27-18 1-478-9 085 00137 07-39 34-70 27-18 1-482-7 085 00142 0c-75 34-02 27-17 1-479-9 085 00144 0c-70 34-02 27-17 1-479-9 085 00144 0c-70 34-02 27-17 1-479-9 085 00148 0c-33 34-50 27-19 00-20 1-478-3 085 00149 0c-33 34-50 27-19 00-20 1-478-3 085 00160 0c-33 34-50 27-19 00-20 1-478-3 085 00160 0c-33 34-50 27-19 00-20 1-478-3 085 00161 0c-37 34-02 27-16 00-276 1-478-3 085 00161 0c-37 34-02 27-19 1-478-3 085 00161 0c-37 34-02 27-19 1-478-3 085 00162 0c-33 34-50 27-19 1-478-3 085 0020 04-63 34-55 27-6 00-276 1-469-7 085 0020 04-63 34-55 27-6 00-276 1-469-7 085 0020 04-63 34-55 27-6 00-276 1-469-7 085 0020 04-63 34-50 27-6 1-469-7 085 0020 04-63 34-50 27-6 1-469-7 085 0020 04-63 34-50 27-6 1-477-0 085 0020 04-63 34-50 27-6 1-477-0 085 0020 04-63 34-50 27-6 1-477-0 085 0020 04-63 34-75 27-6 1-477-0 085 0020 04-63 34-75 27-6 1-477-0 085 0020 04-63 34-80 27-6 1-477-0 085 00415 04-63 34-90 27-6 1-477-0 085 00415 04-63 34-90 27-6 1-477-0 085 00415 04-63 34-90 27-6 1-477-0 085 00415 04-63 34-90 27-6 1-477-0 085 00415 04-63 34-90 27-6 1-477-0 085 00415 04-63 34-90 27-70 1-477-0 085 00410 04-69 34-90 27-70 1-477-0 085 00410 04-69 34-90 27-70 1-477-0 085 00410 04-69 34-90 27-70 1-477-0 085 00410 04-69 34-90 27-70 1-477-0 085 00400 04-69 34-90 27-70 1-477-0 085 00410 04-69 34-90 27-70 1-477-0 085 00410 04-69 34-90 27-70 1-477-0 085 00410 04-69 34-90 27-70 1-478-0 085 00410 04-69 34-90 27-70 1-478-0 085 00410 04-69 34-90 27-70 1-478-0 085 00410 04-69 34-90 27-70 1-478-0 085 00410 04-69 34-90 27-70 1-478-0 085 00410 04-69 34-90 27-70 1-478-0 085 00410 04-69 34-90 27-70 1-478-0 085 00410 04-69 34-90 27-70 1-478-0 085 00410 04-69 34-90 27-70 1-478-0 085 00410 04-69 34-90	08S 08S 08S	00087 00091 00097	05.13 05.53 05.59	34.275 2 34.346 2 34.387 2	7.11 7.11 7.14		1472.0 1473.8 1474.2								
085 00118 07.13 34.96	08S 08S 08S	00104 00106 00110	06.21 06.21 06.53	34.476 2 34.475 2 34.566 2	7.13 7.13 7.16	00.156	1470.9 1477.0 1478.4								
085 00137	OBS OBS STO	00118 00121 00125	07.13 07.11 07.36	34.696 2 34.686 2 34.73 2	7.18 7.17 7.18	0(.179	1481.1 1481.1 1482.1								
STO 00150 0e.32 34.957 27.19 00.202 1478.3 085 00150 0e.32 34.957 27.19 00.202 1478.3 085 00150 0e.32 34.957 27.22 1478.3 085 00161 0e.37 34.06 27.27 1477.2 085 00161 0e.37 34.06 27.27 1478.8 STO 00200 04.63 34.02 27.42 00.242 1473.1 STO 00250 03.8 6 34.95 27.46 00.242 1473.1 STO 00250 03.8 6 34.95 27.46 00.276 1469.8 085 00257 03.82 34.93 27.46 1469.8 085 00266 03.8 0 34.54 27.49 1471.0 085 00298 04.58 34.73 027.53 1474.0 085 00304 04.76 34.74 27.53 00.307 1474.0 085 00304 04.76 34.76 27.55 1474.1 085 00304 04.76 34.75 27.55 1474.1 085 00415 04.83 34.90 27.64 1477.3 085 00415 04.83 34.90 27.64 1477.3 085 00425 04.57 34.93 27.65 1477.4 085 00425 04.57 34.93 27.65 1477.5 STO 00500 04.78 34.90 27.67 1477.6 STO 00500 04.78 34.90 27.67 1479.3 OBS 00500 04.78 34.90 27.67 1479.3 OBS 00500 04.78 34.90 27.67 1479.3 OBS 00500 04.47 34.90 27.75 1480.3 OBS 00500 04.47 34.90 27.75 1480.3 OBS 00500 04.47 34.90 27.75 1480.3 OBS 00500 04.47 34.90 27.75 1480.5 OBS 00500 04.55 34.94 27.75 1480.5 OBS 00500 04.55 34.94 27.75 1480.5 OBS 00500 04.55 34.94 27.75 1480.5 OBS 00500 04.05 34.94 27.75 1480.2 OBS 00500 04.05 34.94 27.75 1480.2 OBS 00500 04.05 3	08S 08S 08S	00137 00142 00144	06.75 06.70	34.740 2 34.620 2 34.610 2	7.18 7.17 7.17		1482.5 1479.9 1479.7								
STD 00257 03.86 34.55 27.46 00.276 1466.8 OBS 00267 03.82 34.235 27.46 1469.8 OBS 00266 02.80 34.345 27.46 1469.8 OBS 00276 04.03 34.61c 27.49 1471.0 OBS 00278 04.58 24.730 27.53 1473.8 STD 00300 04.62 34.74 27.53 00.307 1474.0 OBS 00304 04.76 34.750 27.55 1474.7 OBS 00327 04.53 34.750 27.55 1474.1 STD 00400 04.69 34.84 27.61 00.364 1476.1 OBS 00418 04.83 34.900 27.65 1477.0 OBS 00418 04.87 34.917 27.65 1477.0 OBS 00418 04.87 34.917 27.65 1477.6 OBS 00419 04.82 34.940 27.67 1477.6 STD 00500 04.78 34.90 27.67 1477.6 STD 00500 04.78 34.90 27.67 1477.6 OBS 00552 04.67 34.990 27.69 1478.3 OBS 00552 04.67 34.990 27.70 1479.3 STD 00000 04.69 34.98 27.72 00.461 1479.6 OBS 00652 04.67 34.990 27.73 1479.6 OBS 00652 04.67 34.990 27.73 1480.3 OBS 00552 04.67 34.990 27.73 1480.3 OBS 00552 04.67 34.990 27.73 1479.6 OBS 00650 04.47 34.97 27.73 1480.3 OBS 00652 04.67 34.990 27.73 1480.3 OBS 00650 04.47 34.97 27.73 1480.3 OBS 00650 04.47 34.97 27.73 1480.3 OBS 00800 04.35 34.97 27.74 1481.5 STD 00800 04.35 34.97 27.75 1481.5 OBS 00800 04.35 34.97 27.75 1481.5 STD 00900 04.05 34.94 27.75 1481.5 STD 00900 04.05 34.94 27.75 1481.5 STD 00900 04.05 34.94 27.75 1481.9 OBS 00953 03.55 34.940 27.75 1481.9 OBS 00902 04.05 34.940 27.75 1481.9 OBS 00903 03.55 34.940 27.75 1481.9 OBS 00903 03.55 34.940 27.75 1481.9 OBS 00903 03.55 34.940 27.75 1481.9 OBS 00903 04.05 34.940 27.75 1481.9	08S 08S 08S	00150 00152 00161	06.32 06.32 06.05 06.37	34.57 2 34.576 2 34.555 2	7.19 7.19 7.22	00.202	1478.3 1478.3 1477.2								
C8S 00298 04.58 34.730 27.53 1473.8 STD 00300 04.62 34.74 27.53 00.307 1474.0 08S 00304 04.76 34.750 27.53 1474.7 O8S 00327 04.53 34.750 27.55 1474.1 STD 00400 04.69 34.94 27.75 O8S 00418 04.87 34.99 27.75 STD 00500 04.67 34.99 27.73 1479.6 O8S 0052 04.67 34.99 27.73 1479.6 O8S 00652 04.67 34.99 27.73 1479.6 STD 00700 04.47 34.99 27.73 1480.3 O8S 00751 04.42 34.970 27.73 1480.3 O8S 00751 04.42 34.970 27.75 1481.5 STD 00800 04.37 34.99 27.75 1481.5 STD 00800 04.47 34.97 27.75 1481.5 STD 00800 04.57 34.99 27.77 1481.5 STD 00800 04.47 34.97 27.77 1480.4 STD 00800 04.47 34.97 27.77 1480.4 STD 00800 04.57 34.97 27.77 1480.5 STD 00800 04.57 34.97 27.77 1481.5 STD 00800 04.57 34.99 27.77 1481.5	370 385 085	00250 00257 00266	03.86 03.82 03.80	34.55 2 34.232 2 34.540 2	7.46 7.46 7.46		1469.8 1469.7								
STD 00400 04.69 34.84 27.61 00.364 1477.1 085 00415 04.83 34.900 27.64 1477.0 085 00418 04.87 34.917 27.65 1477.3 085 00422 04.54 34.930 27.65 1477.6 085 00452 04.67 34.96 27.69 00.414 1478.3 085 00500 04.78 34.96 27.69 00.414 1478.3 085 00552 04.82 34.980 27.70 1479.3 STD 00600 04.69 34.980 27.70 1479.3 STD 00600 04.69 34.980 27.72 00.461 1479.6 085 00652 04.67 34.990 27.73 1480.4 STD 00700 04.47 34.97 27.73 00.506 1480.3 085 00751 04.42 34.970 27.73 1480.3 085 00751 04.42 34.970 27.73 1480.3 085 00751 04.42 34.970 27.74 1481.0 STD 00800 04.35 34.97 27.74 00.551 1481.5 STD 00800 04.35 34.97 27.75 1481.5 STD 00800 04.35 34.97 27.75 1481.5 STD 00900 04.05 34.994 27.75 1481.9 STD 00900 04.05 34.994 27.75 1481.9 STD 00900 04.05 34.994 27.75 1482.8 STD 00000 03.88 34.922 27.76 00.639 1482.8	08S STD 08S	00298 00300 00304	04.58 04.62 04.76	34.730 2 34.74 2 34.760 2	7.53 7.53 7.53	00.307	1473.8 1474.0 1474.7								
085 00451 04.82 34.940 27.67 1477.6 STO 00500 04.78 34.96 27.69 00.414 1478.3 085 00500 04.78 34.980 27.69 1478.3 STO 00600 04.69 34.980 27.72 00.461 1479.6 085 00651 04.69 34.980 27.72 1479.6 O85 00652 04.67 34.990 27.73 1480.3 STO 00700 04.47 34.97 27.73 00.506 1480.3 O85 00750 04.47 34.97 27.73 1480.3 O85 00751 04.42 34.97 27.73 1481.5 STO 00800 04.35 34.97 27.74 1481.5 O85 00803 04.34 34.967 27.75 1481.5 O85 00850 04.15 34.997 27.75 1481.5 STO 00900 04.05 34.94 27.75 1481.5 STO 00900 04.05 34.994 27.75 1481.9 O85 00953 03.55 34.990 27.76 1481.9 O85 00953 03.55 34.990 27.76 1482.3 STO 01000 03.88 34.92 27.76 00.639 1482.8 O85 00953 03.55 34.990 27.76 1482.8	STC OBS OBS	00400 00415 00418	04.69 04.83 04.87	34.84 2 34.900 2 34.917 2	7.61 7.64 7.65	00.364	1476.1 1477.0 1477.3								
\$\begin{array}{cccccccccccccccccccccccccccccccccccc	OBS STD OBS	00451 00500 00500	04.82 04.78 04.78	34.940 2 34.96 2 34.960 2	7.67 7.69 7.69	00.414	1477.6 1478.3 1478.3								
085 00751 04-42 34-970 27.74 1481-5 STO 00800 04-35 34-97 27.75 00.551 1481-5 O85 00803 04-34 34-967 27.75 1481-5 O85 00850 04-15 34-950 27.75 1481-5 STO 00900 04-05 34-94 27.75 00.595 1481-9 O85 00902 04-05 34-94 27.75 00.595 1481-9 O85 00903 03-55 34-92 27.76 1481-9 O85 00903 03-55 34-92 27.76 1482-3 STO 01000 03-88 34-92 27.76 00-639 1482-8 O85 01001 03-88 34-92 27.76 1482-8	08S 08S \$10	00601 00652 00700	04.69	34.98 2 34.980 2 34.99u 2	7.72 7.72 7.73		1479.6 1479.6 1480.4								
STD 00900 04.05 34.94 27.75 00.595 1481.9 085 00902 04.05 34.940 27.75 1481.9 085 00953 03.95 34.930 27.76 1482.3 STD 01000 03.88 34.92 27.76 00.639 1482.8 085 01001 03.88 34.920 27.76	OBS STO OBS	00751 00800 00803	04.42 04.35 04.34	34.970 2 34.97 2 34.967 2	7.74 7.74 7.75		1480.3 1481.0 1481.5								
OBS 01001 03.88 34.920 27.76 1482.8	ST0 OBS OBS	00900 00902 00953	04.05 04.05 03.55	34.94 2 34.940 2 34.930 2	7.75 7.75 7.76		1481.9 1481.9 1482.3								
UBS 01075 03.87 34.935 27.77 1484.0			03.88	4.920 2	7.76 7.77		1482.8 1484.0								

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

		32.0N 58.0H	DAY HOUR	H 07 02 20-8	SHIP EV DATA USE 1 AREA 05		BULB 10.7 METR 1019.9 D T/A	24 SEA CL/TR		WIND-SPD WIND-FOR WEATHER		DUR	RATI	DIR ON 11 683	ORDER D OO.5	5 2	N SQ 1306 SQUARE 26 SQUARE 26 SQUARE 3
CAS	TNUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT	P	NO2	NO3	\$103	PH
		20.8	STD	00000	08.27 08.27	33.00 33.000	25.69 25.69	00.000	1481-4								
		20.0	OBS	00007	08.16	32.968	25.68		1481.4								
			STD	00010	07.73	32.95	25.73	00.023	1479.4								
			085	00011	07.51	32.946	25.75		1478.5								
			08 S 08 S	00015	06.99 06.04	32.92s 32.800	25.81 25.83		1476.5								
			OBS	00019	04.92	32.850	26.00		1468.1								
			STD	00020	04.78	32.95	26.10	00.044	1467.7								
			08\$ 08\$	00020	04.58 03.92	33.000 32.97C	26.16 26.20		1466.9								
			OBS	00024	03.41	33.133	26.38		1462.2								
			08.5	00026	03.12	33.095	26.38		1461.0								
			STD OBS	00030	02.49	33.12 33.125	26.45 26.46	00.062	1458.3 1458.0								
			OBS	00034	01.90	33.170	26.54		1455.9								
			OBS	00036	01.13	33.160	26.58		1452.5								
			OBS OBS	00038	00.86 00.30	33.296 33.370	26.70 26.80		1451.5 1449.1								
			STD	00050	00.19	33.49	26.90	00.089	1448.9								
			OBS	00051	00.19	33.517	26.92		1449.0								
			OBS OBS	00064	00.63	33.680 33.660	27.03 27.02		1451.4 1451.1								
			OBS	00072	00.19	33.690	27.06		1449.5								
			STD	00075	00.08	33.70	27.08	00.116	1449.1								
			OBS OBS	00076	00.05	33.710	27.08		1449.0								
			STD	00087	00.23	33.797	27.15 27.21	00.139	1450.1 1452.2								
			08\$	00100	00.62	33.912	27.22	000137	1452.3								
			OBS	00106	00.72	33.917	27.21	00 150	1452.8								
			STD OBS	00125	01.16 01.17	34.12 34.120	27.35 27.35	00.159	1455.4								
			STD	00150	01.31	34.21	27.41	00.177	1456.6								
			085	00150	01.32	34.214	27.41		1456.6								
			085 085	00175 00178	02.11	34.377	27.49		1460.8								
			OBS	00178	02.27	و34.36 د34.36	27.48 27.50		1461.6								
			OBS	00190	01.86	34.370	27.50		1459.9								
			OBS	00199	03.15	34.536	27.52	10 200	1465.9								
			STD OBS	00200	03.15 03.15	34.53 34.540	27.52 27.53	J0.209	1465.9								
			OBS	00220	03.71	34.623	27.54		1468.8								
			OBS	00226	03.38	34.570	27.53		1467.4								
			OBS OBS	00232	03.11	34.560 34.520	27.55 27.54		1466.3								
			OBS	00237	02.77	34.540	27.56		1464.9								
			OBS	00241	03.01	34.580	27.57		1466.1								
			OBS	00245	03.01	34.580	27.57		1466.1								
			OBS	00249	03.83	34.710 34.71	27.59 27.59	00.237									
			OBS	00251	03.85	34.710	27.59		1470.0								
			OBS	00255	03.85	34.710	27.59		1470.0								
			08S 08S	002 76 00281	04.39 04.82	34.810 34.880	27.62 27.62		1472.8 1474.7								
			STC	00300	04.58	34.86	27.63	00.262	1474.0								
			OBS	00300	04.57	34.860	27.63		1474.0								
			OBS STD	00350	04.87 04.96	34.930 34.96	27.66 27.67	00.311	1476.2								
			OBS	00401	04.96	34.960	27.67	******	1477.4								
			OBS	00451	04.82	34.970	27.69		1477.7								
			STD OBS	00500	04.74 04.74	34.97 34.970	27.70 27.70	00.358	1478.1								
			OBS	00550	04.53	34.955	27.71		1478.1								
			STD	00600	04.51	34.97	27.73	00.403									
			OBS OBS	00601	04-51	34.970	27.73 27.74		1478.9								
			STD	00651 00700	04.51 04.38	34.97	27.74	00.447									
			085	00700	04.38	34.970	27.74		1480.0								
			085	00750	04.30	34.960 34.95	27.74 27.75	00.493	1480.4								
			STD OBS	00800 00803	04.13 04.13	34.950	27.75	30.471	1480.6								
			OBS	00850	04.14	34.950	27.75		1481.4								
			STD	00900	04.05	34.94	27.75	00.534	1481.9								
			OBS OBS	00900	04.05 04.01	34.940	27 .7 5 27 . 76		1481.9								
			STD	01000	03.51	34.940	27.76	00.578	1482.6								
			OBS	01001	03.91	34.930	27.76		1483.0								
			OBS	01029	03.88	34.93.	27.76		1483.3								

TABLE I. CGC EVERGREEN, April-June 1974-(Continued)

REFID CONSEI LAT LONG	43	8371 0082 39.8N 22.5W	DAY	1974 H 07 O2 23.8	BOTDP 03200 SHIP EV DATA USE 1 AREA 05			DIR H 22 SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	18	TRA DUR	CE ATI	TD REC DIR ON 11 684	00.4		N SQ 130 SQUARE SQUARE 2 SQUARE 3	2
CAS	TNUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P04	TOT	P	NOZ	NOS	\$103	PH	
		23.8	085	00009	08.84	32.973	25.58		1483.6 1483.4									
			STD 085	00010	08.78 08.35	32.95	25.57 25.58		1481.7									
			STD	00020	07.30	32.97	25.80		1477.9									
			08S 08S	00020	06.98 06.16	32.980 32.933	25.85 25.92		1476.7 1473.4									
			08\$	00026	04.98	33.073	26.17		1468.8									
			STD	00030	04-47	33.20	26.33		1466.9									
			OBS OBS	00030	04.42	33.200 33.180	26.34 26.33		1466 . 7									
			OBS	00036	02.83	33.080	26.39		1459.9									
			08S 08S	00038	02.11	33.310 33.37 <i>3</i>	26.63 26.70		1457.1 1456.0									
			OBS	00041	01.77	33.435	26.76		1455.8									
			085	00045	01.35	33.400	26.76		1453.9									
			STD	00050	01.02	33.40 33.41a	26.78 26.80		1452.5									
			OBS	00059	01.07	33.524	26.88		1453.1									
			OBS OBS	00070	00.39	33.575	26.96 26.96		1450.3 1450.5									
			STD	00075	30.27	33.58	26.97		1449.8									
			OBS	00076	00.21	33.578	26.97		1449.5									
			08S 08S	00079	0.01	33.590 33.815	26.99 27.13		1448.6									
			STD	00100	00.73	33.86	27.16		1452.7									
			OBS OBS	00100	00.71 00.76	33.86u 33.865	27.17 27.17		1452.6									
			085	00106	00.50	33.910	27.22		1451.8									
			08 S 08 S	00118	00.73 01.45	33.960	27.25 27.29		1453.1									
			OBS	00121	01.60	34.070	27.29		1457.3									
			STD	00125	01.77	34.10	27.29		1458-1									
			OBS OBS	00129	02.19 02.08	34.143 34.160	27.29 27.31		1460.1 1459.8									
			OBS	00142	02.85	34.290	27.35		1463.3									
			OBS STD	00148 00150	02.88 02.74	34.290	27.35 27.35		1463.6									
			OBS	00150	02.71	34.267	27.35		1462.8									
			OBS	00159 00175	02.73	34.294	27.37 27.43		1463.1 1461.5									
			OB\$	00177	03.34	34.460	27.44		1466.2									
			OBS	00178	03.35	34.450	27.44		1466.3									
			OBS	00180 00188	02.94	34.415	27.45 27.45		1464.5									
			085	00196	03.49	34.550	27.50		1467.3									
			STD OBS	00200	03.90	34.61 34.625	27.50 27.51		1469.2 1469.8									
			OBS	00217	03.94	34.616	27.50		1469.6									
			OBS STD	00226 00250	04.39	34.710	27.54		1471.8									
			085	00251	03.72 03.72	34.67 34.670	27.58 27.57		1469.4									
			085	00277	04.39	34.795	27.60		1472.8									
			STD 085	00300	04.14	34.74	27.59 27.59		1472.0									
			OBS	00323	03.82	34.757	27.63		1471-1									
			OBS	00329	03.54 03.82	34.705 34.770	27.62 27.64		1469.9									
			STD	00400	03.79	34.77	27.65		1472.3									
			08S	00401 00407		34.770	27.65 27.65		1472.2									
			OBS	00411		34.740	27.65		1471.2									
			OBS	00449		34.825	27.68		1473.7									
			OBS STD	00458		34.795 34.82	27.68 27.69		1472.9									
			OBS	00500	03.75	34.820	27.69		1473.8									
			OBS STD	00550		34.850 34.86	27.71 27.71		1475.0									
			085	00601	03.87	34.860	27.71		1476.0									
			OBS STD	00651		34.870 34.88	27.72 27.73		1476.9									
			OBS	00700	03.84	34.880	27.73		1477.6									
			OBS STD	00750		34.880 34.88	27.73		1478.2									
			OBS	00801		34.880	27.74		1478.8									
			085	00852	03.69	34.870	27.74		1479.5									
			STD OBS	00900	03.72 03.72	34.88 34.880	27.74		1480.4									
			OBS	00951	03.72	34.900	27.76		1481.3									
			STD	01000	03.68	34.89 34.890	27.75 27.75		1481.9 1481.9									
			085	01018	03.64	34.890	27.76		1482.1									

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

CASTMUN/TIME LVLTVP DEPTH TEMP SAL SIGMA-T DYNOPTH SAD VEL DAYG PO4 TOT P NO2 NO3 S103 PH STD 00000 05,70 32,716 25,84 1471.0 085 00009 05,71 32,766 25,84 1471.0 085 00009 05,71 32,766 25,84 1471.1 085 00000 03,750 32,768 26,184 1471.1 085 00000 03,86 32,868 26,184 1471.1 085 00000 03,86 32,868 26,184 1471.1 085 00000 03,86 32,868 26,184 1482.1 085 00000 03,86 32,868 26,184 1482.0 085 00000 03,86 32,868 26,184 1482.0 085 00000 03,86 32,868 26,184 1482.0 085 00000 03,86 32,868 26,184 1482.0 085 00000 03,185 32,868 26,184 1482.0 085 00000 03,185 32,868 26,184 1482.0 085 00000 03,185 32,868 26,184 1482.0 085 00000 03,185 32,868 26,184 1482.0 085 00000 03,185 32,868 26,184 1482.0 085 00000 03,185 33,113 26,50 14655.5 085 00000 03,185 32,188 26,88 1483.0 085 00000 03,185 32,188 26,88 1483.0 085 00000 03,185 32,188 26,88 1483.0 085 00000 03,185 32,188 26,88 1483.0 085 00000 03,185 32,188 26,88 1483.0 085 00000 03,185 32,188 26,88 1483.0 085 00000 03,185 32,188 26,88 1483.0 085 00000 03,185 32,188 26,88 1483.0 085 00000 03,185 32,188 26,88 1483.0 085 00000 03,185 32,188 26,88 1483.0 085 00000 03,185 33,183 26,89 1443.0 085 00000 03,185 34,183 26,88 1483.0 085 00000 03,185 34,183 26,88 1483.0 085 00000 03,185 34,183 26,88 1483.0 085 00000 03,185 34,183 26,88 1483.0 085 00000 03,185 34,183 26,88 1483.0 085 00000 03,185 34,183 26,88 1483.0 085 00000 03,185 34,183 26,88 1483.0 085 00000 03,185 34,183 27,00 1444.8 085 00000 03,185 34,183 27,00 1444.8 085 00000 03,185 34,183 27,00 1444.8 085 00000 03,185 34,183 27,183 1444.2 085 00000 03,185 34,183 27,183 1444.2 085 00000 03,185 34,183 27,183 1444.8 085 00000 03,185 34,183 27,183 1444.8 085 00000 03,185 34,183 27,183 1444.8 085 00000 03,185 34,183 27,183 1444.8 085 00000 03,185 34,183 27,183 1444.8 085 00000 03,185 34,183 27,183 1444.8 085 00000 03,185 34,183 27,183 1444.8 085 00000 03,185 34,183 27,183 1444.8 085 00000 03,185 34,183 27,183 1444.8 085 00000 03,185 34,183 27,183 1444.8 085 00000 03,185 34,183 27,183 1444.8 085 00000 03,185 34,183 27,183 1444.8 085 000000 03	-		1 8371 0083 3 48.0N 8 46.4W	MONT	1974 H 07 03 02.9	BOTOP 01940 SHIP EV DATA USE I AREA 05	WE I	TEMF 07.8 BUL8 07.8 METR 1019.9 D T/A	DIR H 21 SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	10	TRAC	STD REC E DIR TION Oll 685	00.4	5	EN SQ 1306 SQUARE 28 SQUARE 28 SQUARE 38
02.9 085 00003 C5.70 32.76c 25.84 1471.cl 085 00009 05.71 32.76c 25.84 1471.cl 085 00009 05.71 32.76c 25.84 1471.cl 085 00001 05.86 32.75 32.85 00.0022 1470.5 085 00020 03.86 32.89 26.83 00.004 1464.cl 085 00020 03.86 32.89 26.14 00.0021 1464.cl 085 00030 03.25 32.86 26.13 00.0021 1462.cl 085 00030 03.25 32.86 26.18 00.001 1462.cl 085 00030 03.25 32.86 26.18 00.001 1462.cl 085 00030 03.25 32.86 26.18 00.001 1462.cl 085 00030 03.26 33.28 26.19 1462.cl 085 00040 03.18 33.11 26.50 1455.cl 085 00040 03.18 33.11 26.50 1455.cl 085 00040 03.20 33.24 26.51 1455.cl 085 00040 03.18 33.12 26.51 1455.cl 085 00050 00009 06.20 33.24 26.51 1455.cl 085 00050 00009 06.20 33.24 26.51 1455.cl 085 00050 00009 06.20 33.24 26.51 1455.cl 085 00050 00051 -0.12 33.27 26.74 00.093 1449.72		CASTNU	M/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXY G	P04	TOT P	NO2	NO3	\$103	PH
085 00000 05.71 32.76 025.84 1470.5 00.022 4770.5 00.022 4770.5 00.022 4770.5 00.022 02.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8 3							32.76	25.84	00.000	1470.9							
STO 00010 05.56 32.75 25.65 00.022 14.05.5			02.9							1471.0							
OBS																	
STD 00020 03.86 32.88 26.13 00.042 146.2 166.2 167.3 1									00.022								
085 00020 03.68 32.89 20.18 1462.6 085 00030 03.45 32.89 20.18 03.001 1462.6 085 00030 03.45 32.89 20.19 1462.6 085 00034 02.02 32.89 20.17 1456.1 085 00040 01.78 33.13 170 26.37 1456.1 085 00040 01.78 33.13 16.5 1456.1 085 00049 01.78 33.13 16.5 1459.4 085 00049 00.44 33.25 20.88 149.7 3TD 0055 00079 00.79 33.25 20.70 00.093 1449.7 085 00051 - 0.12 33.27 26.71 00.093 1449.7 085 00051 - 0.12 33.27 26.71 00.093 1449.7 085 00069 - 1.06 33.53 20.20 20.89 1449.3 085 00069 - 1.06 33.53 20.20 20.89 1443.8 3TD 00100 - 0.88 33.50 20.90 31.40 20.89 1443.8 3TD 00100 - 0.89 33.50 20.70 00.152 1443.8 3TD 00125 - 0.22 33.62 27.06 00.152 1448.3 085 00100 - 0.61 23.63 27.06 00.176 1446.3 085 00100 - 0.55 34.62 27.18 00.176 1446.3 085 00110 - 0.56 34.00 27.34 1452.8 085 00110 00.56 34.00 27.34 1452.8 085 00210 11.32 34.25 27.45 00.23 1457.4 085 00210 11.32 34.25 27.45 00.23 1457.4 085 00210 11.32 34.25 27.45 00.23 1457.4 085 00210 11.32 34.25 27.45 00.23 1457.4 085 00210 11.32 34.25 27.45 00.23 1457.4 085 00210 11.32 34.25 27.45 00.23 1457.4 085 00210 11.32 34.25 27.45 00.23 1457.4 085 00210 11.32 34.25 27.45 00.23 1457.4 085 00210 11.32 34.25 27.45 00.23 1457.4 085 00210 11.32 34.46 27.36 00.26 1462.1 085 00210 10.30 34.40 27.56 00.26 1462.1 085 00250 00.00 34.40 27.56 00.26 1462.1 085 00250 00.00 34.40 27.56 00.26 1462.1 085 00250 00.00 34.40 27.60 00.339 1469.1 085 00451 00.40 30.10 34.70 27.60 00.339 1469.1 085 00451 00.40 30.10 34.70 27.60 00.339 1469.1 085 00451 00.40 30.10 34.70 27.60 00.339 1469.1 085 00452 00.58 34.60 27.71 11.70 00.431 1476.0 085 00450 00.58 34.60 27.71 11.70 00.431 1476.0 085 00450 00.58 34.60 27.71 11.70 00.431 1476.0 085 00450 00.58 34.60 27.71 11.70 00.431 1476.0 085 00450 00.58 34.60 27.77 30.47 11.70 1476.0 085 00450 00.58 34.60 27.77 30.47 11.70 1476.0 085 00450 00.58 34.60 27.77 30.47 11.70 1476.0 085 00450 00.58 34.60 27.77 30.47 11.70 1476.0 085 00450 00.58 34.60 27.77 30.48 11.70 1477.0 085 00450 00.58 34.60 27.77 30.48 11.70 1477.0 085 00450									00.042								
\$10 00030 03.42 22.49 22.19 03.00 1462.6 085 00034 02.02 32.970 26.37 1456.1 085 00034 02.02 32.970 26.37 1456.1 085 00036 01.69 33.113 26.50 1455.5 085 00049 00.49 33.113 26.50 1455.5 085 00049 00.49 33.113 26.50 1455.5 085 00049 00.49 33.113 26.50 1455.5 085 00049 00.49 33.113 26.50 1449.7 \$1D 00050 00.29 33.24 26.60 1449.7 \$1D 00050 00.29 33.25 26.70 00.093 1445.0 085 00051 - 0.12 33.27 26.74 1447.2 \$1D 00050 00.29 33.26 26.74 34.45 27.10 1447.2 \$1D 00050 00.29 33.20 27.00 00.152 1445.3 \$1D 00050 - 0.68 33.38 26.60 1449.7 \$1D 00050 00.29 33.60 27.10 1445.2 \$1D 00050 00.25 00.60 33.80 26.60 1449.2 \$1D 00050 00.25 00.60 33.80 26.60 1449.2 \$1D 00050 00.60 14.60 36.80 36.60 1449.2 \$1D 00050 00.60 14.									00.042								
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OBS 00277 C2_20 34_490 27_57 1463+0 STD 00300 02_35 34_54 27_60 00_290 1466+1 OBS 00300 02_35 34_54 27_60 1466+2 OBS 00350 02_80 34_564 27_66 1466+0 STD 00400 03_08 34_50 27_66 00_339 1469+1 OBS 00403 03_10 34_700 27_60 1469+3 OBS 00403 03_10 34_700 27_60 1469+3 OBS 00401 03_44 34_766 27_67 1471_6 STD 00500 03_56 34_800 27_69 00_386 1473_0 OBS 00552 03_76 34_800 27_69 1473_0 OBS 00552 03_76 34_800 27_69 1473_0 OBS 00552 03_76 34_800 27_70 1474_7 STD 00600 03_87 34_86 27_71 00_431 1476_0 OBS 00652 03_87 34_86 27_71 00_431 1476_0 OBS 00652 03_87 34_86 27_73 1476_9 STD 00700 03_85 34_88 27_73 1476_9 STD 00700 03_85 34_88 27_73 1476_9 STD 00700 03_85 34_88 27_73 1476_9 STD 00800 03_81 34_86 27_73 1479_9 STD 00800 03_74 34_86 27_73 1479_9 STD 00800 03_74 34_86 27_73 1479_9 STD 00800 03_74 34_86 27_73 1488_5 STD 00900 03_74 34_86 27_73 1488_2 STD 00900 03_74 34_86 27_73 1488_2 STD 00900 03_70 34_88 27_75 00_610 1482_0					00250	02.09			00.263								
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					01000	03.70	34.89	27.75	00.610	1482.0							
DBS 01029 03.69 34.890 27.75 1482.5																	
				OBS	01029	03.69	34.890	27.75		1482.5							

TABLE I. CGC EVERGREEN, April-June 1974—(Continued)

		YEAR MONTI DAY HOUR	07	BOTOP 00: SHIP EV DATA USE AREA	374 05	AIR T WET B BARGE CLGUO	ULB 09 ETR 1019	. 8		GT PER	WIND-DIR WIND-SPD WIND-FOR WEATHER	15	INST TRACE DURAT ORIG	LON	R	ORDER O 00.1	5 2	N SQ 1 SQUARE SQUARE SQUARE	28
CASTNUM/T	IME	LVLTYP	DEPTH	TEMP		SAL	SIGMA-T		DYNOPTH	SND VEL	DXY G	P04	TOT P	N	92	NO3	\$103	РН	
		STD	00000	05.03		32.70	25.87		00.000	1468.1									
0	4.9	OBS	00001	05.03		32.70u	25.87			1468.1									
		OBS	00007	05.05		32.700	25.87			1468.3									
		STD	00010	04.67		32.65	25.88		00.021	1466.7									
		085	00011	04.43		32-650	25.90			1465.7									
		OBS	00015	03.73		32.740	26.04			1462.9									
		085	00019	03.65		32.770	26.07			1462.7									
		STD	00020	02.93		32.67	26.05		00-042	1459.5									
		OBS	00024	00.57		32.660	26.21			1449.1									
		OBS	00026	00.09		32.880	26.41			1447.2									
		STD	00030	- C.60		33.02	26.56		00.059	1444.3									
		OBS	00030	- 0.71		33.025	26.57			1443.8									
		OBS	00032	- 1.15		33.015	26.57			1441-7									
		STD	00050	- 1.41		33.22	26.75		00.087	1441-1									
		085	00051	- 1.42		33.235	26.76			1441-1									
		OBS	84000	- 1.52		33.310	26.82			1441.0									
		STD	00075	- 1.49		33.31	26.82		00.119	1441.2									
		DBS	00076	- 1.49		33.316	26.82			1441.3									
		STD	00100	- 1.41		33.35	26.85		00.149	1442.1									
		OBS	00100	- 1.40		33.350	26.85			1442.2									
		STD	00125	- 1.03		33.51	26.97		00.178	1444.5									
		OBS	00127	- 0.99		33.527	26.98			1444.8									
		STD	00150	- 0.65		33.65	27.07		00.204	1446.9									
		OBS	00150	- 0.64		33.650	27.07			1446.9									
		OBS	00177	- 0.27		33.750	27.13			1449.2									
		STD	00200	- 0.02		33.82	27.17		00.251	1450.9									
		OBS	00201	00.00		33.820	27.18			1451.0									
		085	00226	00.19		33.88¢	27.21			1452-3									
		STD	00250	00.81		34.11	27.36		00.292	1455.9									
		OBS	00251	00.84		34.115	27.37			1456.0									
		OBS	00277	01.30		34-200	27.40			1458.6									
		STD	00300	01.74		34.33	27.47		00.326	1461.1									
		085	00300	01.75		34-330	27.48			1461.2									
		OBS	00350	02.56		34.570	27.60			1465.9									
		085	00367	02.80		34.607	27.61			1467.3									
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REFID 31 8371 CONSEC 0085 LAT 43 55.1N LONG 049 10.0W	MONT	1974 H 07 03 06.2	BOTDP 00079 SHIP EV DATA USE I AREA 05	WE I BAKO			GT PER O X	WIND-DIR WIND-SPD WIND-FOR WEATHER	15	TRAC	STO RE E DIR TIGN 011 60	00.1	5 2	EN SQ 1306 SQUARE 2 SQUARE 26 SQUARE 39
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DXY G	P04	TOT P	NO2	NO3	\$103	PH
	STD	00000	07.98	32.50	25.34	00.000	1479.6							
06.2	085	00001	07.98	32.504	25.34		1479.6							
	OBS	00005	07.47	32.400	25.33		1477.6							
	085	00009	06.66	32.562	25.57		1474.7							
	STD	00010	06.57	32.57	25.58	00.025	1474.3							
	08\$	00011	06.36	32.577	25.62		1473.5							
	OBS	00015	06.08	32.600	25.67		1472.5							
	OBS	00019	04.85	32.580	25.80		1467.5							
	STD	00020	04.50	32.61	25.86	00.048	1466 .1							
	085	00020	04.22	32.637	25.91		1464.9							
	OBS	00026	03.13	32.673	26.04		1460.4							
	OBS	00028	02.40	32.750	26.16		1457.4							
	STD	00030	02.08	32.72	26.17	800.00	1456.0							
	085	00030	01.97	32.720	26.17		1455.5							
	OBS	00034	01.32	32.770	26.26		1452.7							
	085	00038	00.96	32.875	26.36		1451.3							
	STD	00050	00.60	32.94	26.44	00.103	1450.0							
	OBS	00053	00.45	32.963	26.46		1449.4							
	08\$	00072	- 0.83	33.130	26.65		1444.0							
	STD	00075	- 1.01	33.13	26.66	00.140	1443.2							
	OBS	00078	- 1.17	33.205	26.73		1442.7							
	085	00083	- 1.34	33.563	27.02		1442.5							
	OBS	00085	- 1.33	33.660	27.10		1442.7							

TABLE I. CGC EVERGREEN, April—June 1974—(Continued)

REFID 31 8371 CONSEC 0086 LAT 43 57.9N LONG 049 17.4H	YEAR 1974 MONTH 07 DAY 03 HOUR 07.0	BOTDP 00042 SHIP EV DATA USE 1 AREA 05	AIR TEM WET BUL SARCMET CLUUD T	B 07.8 R 1019.6	DIR HÓ 00 (SEA CL/TR		WIND-DIR WIND-SPD WIND-FOR WEATHER	15	TRA	T STD REACE DIR LATION IG 011 68	00.1	5 2	N SQ 13 SQUARE SQUARE SQUARE	28
CASTNUM/TIME LV	LTYP DEPTH	TEMP	SAL S	IGMA-T	DYNDPTH	SND VEL	OXY G	P04	TOT	P NO2	NO3	\$103	PH	
07.0 0	STD 00000 IBS 02001 IBS 02001 IBS 02001 IBS 00013 IBS 00015 STD 00020 IBS 00022 IBS 00026 STD 00030 IBS 00030 IBS 00030 IBS 00030 IBS 00030	C8.50 C8.30 C8.30 O8.19 O7.47 O5.57 O5.53 O5.19 O4.52 O4.65 O2.27 O2.07 O1.75 O1.55 O1.55	32.52 32.52 32.57 32.50 32.40 32.60 32.64 32.66 32.66 32.66 32.67 32.71 32.74 32.75 32.84 32.84 32.91 32.91 32.91	25.28 25.28 25.35 25.31 25.70 25.76 25.88 25.88 25.90 26.19 26.19 26.28 26.36	00.000 00.027 00.051	1481.6 1481.6 1481.1 1480.6 1477.7 1472.1 1470.4 1469.0 1468.0 1467.8 1450.0 1454.7 1454.7 1454.0								
				*****		•								

REFID 31 8371 CONSEC 0087 LAT 44 01.5N LONG 049 25.9N	YEAR 1 MONTH DAY HOUR 0	07 03	BOTDP 00042 SHIP EV DATA USE II AREA 05	WET B BAROM	ULB 09.8 ETR 1019.8	DIR HO OO (SEA CL/TR	ST PER	WIND-DIR WIND-SPD WIND-FOR WEATHER	15	TRACE DURAT		00.1	5 :	N SQ 1306 SQUARE 2 SQUARE 48 SQUARE 49
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXY G	P0 4	TOT P	NO2	NO3	\$103	PH
07.6	STD OBS OBS STD OBS OBS STD OBS OBS OBS OBS OBS OBS OBS	00000 00003 00007 00010 00015 00017 00020 00022 00024 00030 00038 00038	08.71 08.71 07.43 07.11 06.40 06.14 04.84 03.49 02.52 02.43 02.42 02.38 02.39	32.53 32.530 32.499 32.50 32.570 32.610 32.58 32.560 32.740 32.770 32.770 32.770	25.25 25.25 25.41 25.46 25.61 25.67 25.92 26.15 26.18 26.18 26.18	00.000 00.026 00.050 00.070	1482 - 4 1482 - 5 1477 - 6 1476 - 4 1473 - 7 1472 - 8 1467 - 5 1461 - 8 1457 - 6 1457 - 6 1457 - 6 1457 - 5 1457 - 7							

TABLE II. CGC CHASE, March 1974

REFID CONSEC	=	(100	MONT		BOTOP 01134 SHIF EL DATA USE I	WET B			GT PER 1 2	WIND-DIR WIND-SPD WIND-FCR		INST TRACE DURAT		CAST	5	EN SQ 1306 SQUARE 4 SQUARE 66
LONG	046					AREA GE			CL/TR		BEATHER	X1		A2 05	901		SQUARE 66
		_											***				
CASI	INUM	711	A.E.	LVLTYP	DEPTH	TEAP	SAL	SIGNA-T	DYNOPTH	SAC VEL	OXYG	P04	TOT P	NG2	NG3	\$103	PH
				STD	00000	- 1.72	34.10	27.47	CO.400	1440.0							
		14	. 7	OBS	00000	- 1.72	34.105	27.47		1440.0							
				STD	00010	- 0.EA	34.11	27.43 +	C0.006	1445 . 6							
				STO	00020	00.41	34.11	27.39 .	CC-013	1460.3							
		12	2.7	OBS	00024	CC.70	34-114	27.37		1451.6							
				STD	OEGGO	00.97	34.18	27.41	CC-G20	1423.0							
		14	2.7	CBS	00048	01.50	34.325	27.49		1455.9							
				STD	60050	01.21	34.33	27.49	60.033	1456 . 0							
		12	.7	CBS	00073	01.57	34.376	27.53		1426.7							
				STD	CC075	01.63	34.39	27.53	00.047	1457.0							
		14	2.7	085	00057	02.04	34.464	27.58		1429.3							
				STD	COLCO	02.01	34.48	27.58	00.061	1459.2							
				STD	00126	01.77	34.47	27.59	60.074	1458.6							
		1.2	.7	CBS	00146	01.65	34.467	27.59		1450.4							
				STO	00150	01.68	34.47	27.59	00.087	1458.6							
				STD	00200	02.02	24.53	27.61	CO.112	1461.0							
				STO	00250	02.37	34.59	27.63	00-136	1463.4							
		12	2.7	oes	00267	02.71	34.647	27.65		1465.8							
				STD	00300	02.74	34.65	27.65	00.166	1465.5							
		1:	2.7	085	TG0355	63.45	34.786	27.69		1470.8							
				STD	00400	03.49	34.79	27.65	66.306	1471.0							
		1.2	2.7	OBS	00457	04.01	34.867	27.72		1474.9							
				STD	00500	04.01	34.89	27.72	00.250	1475.0							
		8.2	2.7	OBS	T00565	03.52	34.903	27.74		1476.2							
				STD	C0600	03.62	34.90	27.74	00.293	1476.3							
				STD	CC700	03.65	24.69	27.74	C0.336	1477.7							
		14	2.7	085	C0790	03.79	34.882	27.74		1478.9							
				STD	64800	03.78	34.86	27.74	00.379	1479.0							
				STO	C0900	03.66	34.88	27.75	00-423	1480.2							
		1:	2.7	CBS	00991	03.62	34.678	27.75		1461.5							
				STD	01000	03.62	34.88	27.75	60.467	1461.7							
		1.0	2.7	CBS	T01074	03.63	34.911	27.77		1463.0							

REFID 31 2396	YEAR	R 1974	BOTOP 00671	AIR	TEMP -01.2	DIR +	GT PER	MIND-DIR	29	INST	AAASEN	CAST	TE	N SQ 1306
CONSEC 0002	NON1	E0 HT	SHIP EL	BET	BULE -02.6	29	1 3	#IND-SPD	16	TRACE	DIR		5	SQUARE 4
LAT 47 02 N	DAY	31	DATA USE	BARO	METR 1028.6	SEA		MIND-FOR		CURAT	ADE		2	SQUARE 66
LONG 046 29 M	HGU	R 14.4	AREA DE	CLEU	D T/A 0/6	CL/TR		WEATHER	X1	OR IG	A2 05	802	1	SQUARE 76
CASTNUN/TINE	1 V1 T VD	CEPTH	TEMP	SAL	SIGNA-T	DYNOPTH	SAC VEL	OXYG	P04	TET P	NO2	NG3	S103	РН
CASTRONTIAL	212112	OLF III	I CHE	345	31044-1	OTROP III.	310 100	0.11	-04		1102		0,00	
	STO	00000	- 0.82	33.47	26.53	66.000	1443.4							
14.4	085	66000	- 0.82	33.466	26.93		1443.4							
	STD	00010	- 0.72	33.49	26.94	CO.011	1444.0							
	STD	00020	- 0.62	33.52	26.96	00.022	1444.7							
14.4	GBS	C0022	- 0.60	23.624	26.56		1444.8							
	STO	06030	00.42	33.69	27.05	60.033	1449.5							
14.4	CBS	00045	01.55	33.612	27.15		1485.7							
	STO	00050	01.56	49.EE	27.17	CO.652	1455.6							
14.4	CBS	00067	01.56	34.022	27.24		1466.1							
	STD	00075	01.72	34.06	27.26	00.074	1457.0							
14.4	CB\$	00089	01.55	24.129	27.30		1458.3							
	STO	COTOO	02.02	24.17	27.33	00.094	1458.9							
	STD	C0125	02.23	34.26	27.36	CC-112	1460.3							
14.4	CBS	00134	02.31	34.291	27.40		1460.5							
	STD	00150	02.67	34.36	27.44	00.129	1462.0							
	STD	00200	03.58	34.62	27.55	CC.16C	1467.8							
	STO	00250	04 - 14	34.78	27.62	60.186	1471.3							
14.4	Ces	00267	04.26	24.82	27.64		1472-1							
	STD	60360	04.26	24.85	27.66	00.211	1472.7							
14.4	CBS	TOORES	04.26	34.88	27.68		1473.6							
	STD	00400	04.16	34.90	27.71	CQ.256	1474.0							
14.4	OBS	00434	C4.C8	34.90	27.72		1474.2							
	STO	CC 500	03.64	34.85	27.74	CC.295	1474.3							
14.4	ÇBS	00511	03.63	34.69	27.74		1474.4							
14.4	CBS	TOCETI	93.56	34.88	27.72		1475.6							

CONSEC	31 2396 : 0003 47 05 N 046 13 W	MCNT DAY	1974 M 03 31 16.2	BOTOP 00338 Ship E1 Data use 1 Area 08	BAF	TEMP -01.2 BULB -02.6 METR 1028.6 ID T/A 6/6		GT FER 1 3	WIND-DIR WIND-SPD WIND-FOR WEATHER	16	TRACE			TEN SQ 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 76	
CAST	NUN/T INE	LVLTYP	DEPTH	TEMP	SAL	SIGNA-T	DYNOPTH	SNC VEL	JXY G	P04	TOT P	NO2 NG	3 S10:	3 PH	
	16.2	STD	00000	01.75 01.75	22.70	26.97	60.000								
		STO	00010	01.13	33.70	27.02	00.011	1452.8							
	16.2	STD	00020	00.80 00.75	33.72	27.05 27.07	CQ.021	1451.5							
		STD	00030	00.56	33.78 33.89	27.09 27.14	CO.031								
	16.2	OBS	03000	01.58	33.89	27.14		1455.7							
	16.2	CBS	00074 CCC75	01.81	33.93	27.15 27.15	00.474	1457.2							
	16.2	OBS	00099	01.55	33.56	27.17	00.097	1458.2							
		STO	00100	01.96	33.96 34.03	27.17 27.19	00.097								
	16.2	COS	00148	02.83 02.93	34.16	27.25 27.26	00.141	1463.2							
		STD	00200	E3.40	34.67	27.48	60.177	1472.3							
	16.2	CBS STD	T00203	94.68 64.37	34.69	27.49 27.59	00.206	1472.6							
	16.2	085	00282	04.16	34.84	27.66		1472.0							
						****	•••••	•							
PEE LO	31 2396	VEAD	1574	BOTOP 00293	AID	TEMP -00.8	010 4	GT PER	WIND-DIR	27	THET	NANSEN CAS		TEN 50 1306	
CONSEC	9004	MONT	H 03	SHIP E1	BET	BULB -02.0	27		WEND-SPD	15	TRACE	CIR		5 SQUARE	4
LAT LONG	47 02 N	E AV HOUR	31	CATA USE 1		METR 1028.6	SEA CL/TR		MEATHER		DURAT	A2 05804		2 SQUARE 64 1 SQUARE 75	
CAST	NUM/T IME	LVLTYP	CEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SAD VEL	GXYG	P04	TCT P	NO2 NO	3 SIO	3 PH	
		STO	€0000	02.10	33.98	27.17	40.000	1457.3							
	16.1	OBS	00000	02.10	33.96	27.17 27.16	00.009	1457.3							
		STD	00020	02.08	33.94	27.14	00.018	1457.5							
	10.1	CBS	00022	02.08	33.94 33.96	27.14 27.16	60.028	1457.5							
	18-1	085	00044	C2.05	22.99	27.18		1457.8							
	18.1	STO	00050 00066	02.05	33.99	27.18 27.18	C0.046	1457.9							
	18.1	STD	00075	02.08	33.99	27.18 27.18	€0.06€	1458.5							
		STD	C0100	02.10	34.00	27.18	CO.091	1459.0							
	18.1	CBS	00125	02.07	34.01	27.19 27.20	00.113	1459.3							
	18.1	STD	00150 T00181	03.24	24.29 34.62	27.32 27.45	GG.134	1465.1							
		STD	C0200	04.49	24.73	27.54	804.00	1471.8							
	18.1	CBS	T00225	04.51	34.77	27.57		1472.4							
						*****	*******	•							
	31 2396 0005		1974 H 03	SHIP E1	WET	TEMP -00.8		GT PER 2 3	WIND-DIR WINC-SPO			NANSEN CAS CIR		TEN SQ 1306	•
	47 09 N		31	DATA USE 1 AREA C5	PARE	METR 1028.6 D T/A 6/6	SEA		WEATHER		DURAT	A2 05805		2 SQUARE 64	
Euro .	043 30 2	room	.,,,,			0 174 070	CE/ 11		WEATHER		01110	AE 03003			
CAST	NUM/T INE	LVLTYP	CEPTH	TEMP	SAL	SIGMA-T	DYNOPTE	SND VEL	OXYG	PQ4	TOT P	NG2 NG	3 \$10	з Рн	
		STD	cocoa	- 0.68	32.45	26.91	60.000	1444.0							
	19.2	CBS	00000	- 0.68	23.45	26.91 26.91 26.94 26.97		1444.0							
		STD	00010	- 0.57 - 0.39	23.54	26.97	00.011	1445.8							
	19.2	COS	00024 C0030	- 0.30	33.56 33.59	26.98	00.033	1446.3							
	19.2	OBS	00045	00.45	22.72	27.07 27.07	AA A4 :	1450.6							
	19.2		00050 00074	01.67	33.73 23.93	27.16	00.054	1456.6							
	19.2	STO	00075	01-67	33.63	27.16 27.16 27.20	00.078	1456.6							
	. 712	STD	00100	01.58	34.02	27.21	00.121	1426.5							
	19.2	ST0 085	00125	02.99	34.22	27.29 27.36		1467.1							
	,	STC	00150	03.72	34.41	27.36	CC-140	1467.4							
	19.2	STD 085	00202	04.45	34.69 34.70	27.52	CO-174	1471.7							
	19-2	STO	C0250 T00251	04.36 64.35	34.80	27.61	60.202	1472.2							
					34100										

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REFI CONS LAT															
	D 31 239		R 1974	BOTOP 0028 SHIP E1		TEMP -02.0		GT PER	PEND-011			MANSEN	CAST	TE	N SQ 1306
	47 37	N DAY	01	DATA USE	1 BAR	BULB -03.5 OMETR 1027.6	SEA	1 2	WIND-SPI WIND-FOI			E DIR			SQUARE 64
LONG	045 20	M HOF	E.00 N	AREA 0	5 CLC	JD T/A 6/4	CL/Ti	5	WEATHER			A2 05	8 06		SQUARE 75
CA	STNUM/T IME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYADPTH	SNO VEL	CXY G	P.04	TGT P	NO2	EDM	5103	PH
		STD	00000	00.07	33.70	27.08	66.600	1447.8							
	00.3	OBS	C0000	00.67	33.76 33.71	27.08 27.08	60.010	1447.8							
	00.3	STO	00020	00.38	33.72	27.08	00.020	1449.6							
		STO	00030	.90.56	23.73 23.74	27.08 27.08	60.030	1450.0							
	00.3	OBS STO	00048	0C.53	33.79	27.10		1452.6							
	00.3	CBS	00073	01.22	33.93	27.11	C0.045	1463.0							
	00.3	STD	00075	01.54	23.94 24.035	27.16	00.073	1456.0							
		STD	00100	01.58	34.04	27.25 27.26	00.094	1456.9							
	00.3	STO	00125	01.18 00.84	34.08 34.107	27.31 27.36	66.114	1465.4							
	00.3	STD	00150	01-10	24.15	27.36	00.133	1454.3 1455.6							
	00.3	CB\$ STD	00159	03.43	34.579	27.53 27.53	00.165	1467.2							
	00.3	STD	00250	03.94	34.79	27.65		1470.4							
	00.3	CBS	T00272	04.16	34.814	27.64		1471.8							
						****	*******	•							
REFID	31 2356 C 0007		1574 Th .04	BOTOP 00430		TEPP -02.0		GT PER	ND-DIR			NANSEN	CAST	TE	N SQ 1306
LAT	48 00 N	DAY	01	SHIP EI DATA USE I	BARC	BULB -03.2 METR 1025.2	17 SEA	1 2	MIND-SPO		TRAC	E CIA		5	SQUARE 4
LONG	045 06 H	HOUR	03.4	AREA CS	CLEU	D T/A 8/3	CL/TE		WEATHER			A2 05	807		SQUARE 85
CAS	TNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OTHORTH	SND VEL	OXYG	P04	TOT P	NO2	NG3	\$ 103	PH
		STO	60000	- 0.36	33.52	26.95	CO.000	1445.6							
	03.4	COS	C0000	- 0.36 - 0.58	33.525	26.95		1445.6							
	03.4	CBS	00015	- 0.66	33.57 33.567	27.00 27.02	00-011	1444.8							
		STD	60020	- 0.65	33.59 33.60	27.02	00.021	1444.7							
		STO	00050	- 0.52	33.64	27.03 27.05	CO.032	1445.0							
	03.4	085 085	00065	- 0.52	33.638	27.05 27.09		1445 .8							
		STD	00075	00.68	33.88	27.18	00.076	1446.7							
	03.4	CBS	00100	02.56 02.56	34.24	27.34	C0 -097								
		STD	00125	02.64	34.35	27.42	00.115	1461.3							
	03.4	STO	00150 00150	02.73	34.47	27.51 27.51	60.131	1463.2							
		STD	00200	03.52	34.72	27.60	00.159	1469.4	•						
	03.4	CBS	T00205	04.00	24.741 24.81	27.60 27.64	00.184	1469.5							
	03.4	STO	00E00	C4.18	34.66	27.68	C0.207	1472.4							
				04.18	34.861 34.880	27.68 27.70		1472.4							
	03.4	OBS	00305 C0365	04.67	34.060										
				04.67	34.050		••••••	•							
DEEIO	03.4	OBS	C03E5			*****									
CONSEC	03.4	OBS YEAR		04.C7 BOTOP GOSEL SHAP EL	AIR 1	*****	DIR h	IT FER	WIND-DIR			NANSEN	CAST		SQ 1306
CONSEC LAT	03.4 31 2396 0008 48 28 N	YEAR MONTO EAY	1974 1 04	BOTOP GOSEL Ship Ei Data USE 1	AIR 1 WET 6 BAROM	EMP 00.8 ULE -00.6 ETR 1022.3	DIR h	IT FER	bind-spd bind-fcr	16	INST TRACE DURAT	DIR	CAST	5 5	SQ 1306 SQUARE 4 SQUARE 84
CONSEC LAT	31 2396 0008	YEAR MONTO EAY	1974 P 04	BOTOP COSEL Ship El	AIR 1 Wet s	EMP 00.8 ULE -00.6 ETR 1022.3	DIR h	IT FER	BIND-SPD	16	TRACE	DIR		5 5	QUARE 4
CONSEC LAT LONG	03.4 31 2396 0008 48 28 N	YEAR MCNT EAY HOUR	1974 1 04	BOTOP GOSEL Ship Ei Data USE 1	AIR 1 WET 6 BAROM	EMP 00.8 FULE -00.6 FIR 1022.3 T/A 0/3	DIR h	ST FER	bind-spd bind-fcr	16	TRACE	DIR		5 5	QUARE 4
CONSEC LAT LONG	31 2396 2 0008 48 28 N 045 04 W	YEAR MCNT GAY HOUR	1974 P 04 01 07.6	BOTOP GOSEL Ship El Data USE 1 AREA GS	AIR 1 WET E BARON CLCUS	EMP 00.8 FULE -00.6 FIR 1022.3 T/A 0/3	DIR H 17 SEA CL/TR	ST FER L 2 SAD VEL	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	31 2396 C 0008 48 28 N 045 04 W	YEAR MENTE EAY HOUR	1974 F 04 01 07.6 DEPTH	BOTOP 00951 Ship E1 DATA USE 1 AREA 05 TEMP 01.63	AIR 1 WET 6 BAROM CLCUD SAL 34.45	EMP 00.6 ULE -00.6 ETR 1022.3) T/A 0/3 SIGMA-T 27.57 27.57	DIR M 17 SEA CL/TR DYNDFTH	5T FER 2 2 5AD VEL 1456.8 1456.8	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
	03.4 31 2396 C 0008 48 28 N 045 04 W	YEAR MCNT' CAY HOUR LYLTYP STO CBS STO	1974 P 04 01 07.6	BOTOP 00981 SMAP E1 DATA USE 1 AREA 05 TEMP	AIR 1 WET E BARON CLCUC SAL 24.45 24.45 24.45	EMP 00.8 ULE -00.6 ETR 1022.3) T/A 0/3 SIGMA-T 27.57 27.57	DIR MITTER CLITTE CC.COC CO.005	5T FER 2 2 SAD VEL 1456.8 1457.0	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	31 2396 2 0008 48 28 N 045 04 W	YEAR MONTO GAY HOUR LYLTYP STO CBS STO CBS	1674 P 04 01 07.6 DEPTH 6000 0001 00010 00020	BOTDP 00951 ShAP E1 DATA USE 1 AREA 05 TEMP 01.63 01.63 01.63 01.64	AIR 1 WET E BAROW CLCUD SAL 34.45 34.45 34.45 34.45	EMP 00.8 ULE -00.6 ETR 1022.3 T/A 0/3 SIGMA-T 27.57 27.57 27.57 27.57	DIR HITT SEA CL/TR OVNDFTH CC.COC CO.OOS CC.GII	SAD VEL 1456.8 1457.0 1457.1	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	03.4 31 2396 C 0008 48 28 N 045 04 W	YEAR MCNT' CAY HOUR LYLTYP STO CBS STO	1974 - 04 01 07.6 DEPTH 60000 60000 00010 00020	BOTOP 005E1 ShAP E1 DATA USE 1 AREA 05 TEMP 01.83 01.83 01.83 01.84 01.84	AIR 1 WET 8 BARON CLCUC SAL 24.45 24.45 24.45 24.45 24.45 24.45	EMP 00.8 ULE -00.6 LETR 1022.3 T/A 0/3 SIGMA-T 27.57 27.57 27.57 27.57 27.57	DIR MITTER CLITTE CC.COC CO.005	SAD VEL 1456.8 1457.0 1457.1 1457.1	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	31 2396 C 0008 48 28 W 045 04 W TNUM/TIME 07.6	VEAR MCNT: CAY HOUR LVLTYP STO CBS STD STD CBS STO OBS STO OBS STO	1574 P 04 01 07.6 DEPTH CC000 C0000 00010 00020 C0030 C0042 00050	BOTOP 005E1 ShIP E1 DATA USE 1 AREA 05 TEMP 01.63 01.63 01.63 01.64 01.64 01.64 01.65 01.65	AIR 1 WET E BAROM CLCUG SAL 34.45 34.45 24.45 24.45 24.45 24.45 24.46	EMP 00.8 EULE -00.6 ETR 1022.3 SIGMA-T 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57	DIR HITT SEA CL/TR OVNDFTH CC.COC CO.OOS CC.GII	5ND VEL 1456.8 1457.0 1457.1 1457.1 1457.5 1457.5	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	31 2396 C 0008 48 28 N 045 04 W INUM/TIME 07.6 07.6	VEAR MCNT: EAY HOUR STD CBS STD	1574 P 04 01 07-6 DEPTH CCOCO CCO CCO CCOCO CCOCO CCOCO CCOCO CCO CCO CCOCO COCO CCO	BOTOP 005E1 ShIP E1 DATA USE 1 AREA 05 TEMP 01.63 01.63 01.63 01.64 01.64 01.64 01.65 01.65	AIR 1 WET E BAROM CLCUC SAL 34.45 34.45 24.45 24.45 24.45 24.46	SIGNA-T 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57	DIR H: 17 SEA CL/TR OYNDETH CC.COC CO.OO5 CC.Q11 CC.C1C	5T FER 1 2 5ND VEL 1456.8 1457.0 1457.1 1457.1 1457.5 1458.0 1458.0	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	31 2396 C 0008 48 28 W 045 04 W TNUM/TIME 07.6	VEAR MCNTG CAY MOUR STO CAS ST	1574 P 04 01 07-6 DEPTH CC000 C0000 00010 00020 C0030 C0042 00050 00066 CC076	BOTOP 005E1 ShAP E1 DATA USE 1 AREA 05 TEMP 01.83 01.83 01.83 01.84 01.86 01.84 01.85 01.52 01.53	AIR 1 WET E BARDW CLCUC SAL 34.45 34.45 34.46 34.46 34.46 34.46	SIGMA-T 27.57	DIR H- 17 SEA CL/TR OTNOPTH CC.COC CO.005 CC.011 CC.C16 CO.027 CO.040	SAD VEL 1456-8 1455-8 1457-0 1457-1 1457-1 1457-5 1457-9 1458-3 1458-3 1458-3 1458-5 1458-5	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	31 2396 0 008 48 28 W 045 04 W TNUM/TIME 07.6 07.6 07.6	VEAR MCNT: CAY HOUR LVLTYP STD CBS STD STD CBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD	1574 P 04 01 07-6 DEPTH CC000 C0000 00010 00020 C0030 C0042 00050 00066 CC075 CC090 C01020 C012E	BOTOP 005E1 ShAP E1 DATA USE 1 AREA 05 TEMP 01.83 01.83 01.84 01.86 01.86 01.86 01.86 01.85 01.85 01.85 01.85	AIR 1 WET 6 BARDMC 5AL 34.45 34.45 34.46 34.46 34.46 34.46	SIGNA-T 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57	DIR h. 17 SEA CL/TR OYNOFTH CC.COC CO.005 CC.G11 CC.C16 CO.027 CO.040 OO.052	SAD VEL 1456.8 1457.0 1457.1 1457.5 1458.0 1458.0 1458.5 1458.8 1458.8 1458.8	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	31 2396 C 0008 48 28 N 045 04 W INUM/TIME 07.6 07.6	VEAR MCNTI LAY HOUR STD CBS	1574 P 04 01 07.6 DEPTH CC000 C0000 00010 00020 C0030 C0042 00050 00066 CC075 00090 00110 00132	BOTOP 005E1 Ship E1 DATA USE 1 AREA 05 TEMP 01.83 01.83 01.84 01.84 01.84 01.84 01.85 01.95 01.95	AIR 1 WET E BARON CLCUG SAL 34.45 34.45 34.45 34.46 34.46 34.46 34.46 34.46 34.46	SEMP 00.8 SULE -00.6 SETR 1022.3 T/A 0/3 SIGMA-T 27.57 27.56 27.56	DIR h. 17 SEA CL/TR OYNOFTH CC.COC CO.005 CC.011 CC.C16 CO.027 CO.040 OO.052 CO.C67	SAD VEL 1456.8 1457.0 1457.1 1457.1 1457.5 1458.0 1458.0 1458.0 1458.0 1458.0 1458.0 1458.0 1458.0	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	31 2396 0 008 48 28 W 045 04 W TNUM/TIME 07.6 07.6 07.6	VEAR MCNTI CAY MOUR STD CBS	1574 P 04 01 07.6 DEPTH C0000 00010 00010 00020 00020 00030 00042 00050 00042 00050 00066 00075 00060 00125 00050 00132 00132 00150	BOTOP 005E1 ShAP E1 DATA USE 1 AREA 05 TEMP 01.83 01.83 01.83 01.84 01.84 01.86 01.52 01.53 01.55 01.55 01.55 01.55	AIR 1 WET 6 BARDM CLCUC SAL 34.45 34.45 24.45 24.46 24.46 34.46 34.46 34.46 34.46	EMP 00.8 EULE -00.6 ETR 1022.3 7/A 0/3 SIGMA-T 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.56 27.56	DIR h. 17 SEA CL/TR OYNOFTH CC.COC CO.005 CC.G11 CC.C16 CO.027 CO.040 OO.052	SAD VEL 1456.8 1457.0 1457.1 1457.1 1457.5 1458.0 1458.0 1458.0 1458.0 1458.0 1458.0 1458.0 1458.0	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	31 2396 0008 48 28 N 045 04 W INUM/TIME 07.6 07.6 07.6 07.6	VEAR MCNT: LAY HOUR STD CBS STD CBS STD CBS STD OBS STD OES STD	1574 P 04 01 07.6 DEPTH CC0000 C00010 C00020 C00030 CC0042 C0050 C00420 C0050	BOTOP 005E1 ShiP E1 DATA USE 1 AREA 05 TEMP 01.83 01.83 01.84 01.86 01.83 01.84 01.85 01.95 01.95 01.95 01.95 01.95	AIR 1 WET & BARDE CLUCK SAL 34.45 34.45 34.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46	SIGNA-T 27.57	DIR h. 17 SEA CL/TR OYNOFTH CC.COC CO.005 CC.011 CC.C16 CO.027 CO.040 OO.052 CO.C67	SAD VEL 1456.8 1456.8 1457.0 1447.1 1467.1 1467.5 1458.0 1458.3 1458.3 1458.8 1458.8 1459.4 149.5 1459.9	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	31 2396 C 0008 48 28 N 045 04 W INUM/TIME 07.6 07.6 07.6	VEAR MCNT. LAY HOUR STD CBS STD	1574 P 04 01 07.6 DEPTM C0000 00010 00020 00020 00020 00020 00020 00050 00066 00050 00066 000122 00050 000123 00060 00125 00125 00125 00125 00125 00125 00125 00125 00125	BOTOP 005E1 ShAP E1 DATA USE 1 AREA 05 TEMP 01.83 01.83 01.84 01.82 01.83 01.84 01.85 01.95 01.95 01.95 01.95	AIR 1 WET E BARON CLCUC SAL 24.45 24.45 24.45 24.46 24.46 24.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46	SIGNA-T 27.57	DIR H. 17 SEA CL/TR OYNOFTH CC.COC CO.005 CC.011 CC.616 CO.027 CO.040 OO.052 CO.067 CO.080 OO.106	SAD VEL 1456-8 1455-8 1457-0 1457-0 1457-1 1457-5 1457-9 1458-0 1458-3 1458-8 1459-0 1458-8 1459-9 1469-9 1469-9 1469-9 1469-9 1469-9 1460-4 1460-8 1470-2	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	31 2396 C 0008 48 28 N 045 04 W INUM/TIME 07.6 07.6 07.6 07.6	VEAR MCNT: EAY HOUR STD CBS STD CBS STD CBS STD OBS	1574 P 04 01 07.6 DEPTM CC000 C0000 C0000 C0002 C0003 C0042 C0030 C0043	BOTOP 005E1 ShiP E1 DATA USE 1 AREA 05 TEMP 01.83 01.83 01.84 01.84 01.82 01.83 01.85 01.95 01.95 01.95 01.95 01.95 01.95 01.95	AIR 1 WET 6 BARDM CLCUG SAL 34.45 34.45 34.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46	EMP 00.8 EULE -00.6 ETR 1022.3 SIGMA-T 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.56 27.56 27.56 27.56 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57	DIR H. 17 SEA CL/TR CYNOPTH CC.COC C0.005 CC.011 CC.416 C0.027 C0.040 00.053 C0.067	SND VEL 1456.8 1455.8 1457.0 1457.0 1457.1 1457.1 1457.1 1457.5 1458.3 1458.3 1458.3 1459.4 1459.6 1459.6 1459.6 1459.6 1459.6 1459.6	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	31 2396 0008 48 28 N 045 04 W INUM/TIME 07.6 07.6 07.6 07.6	VEAR MCNT: LAY HOUR STD CBS	1574 P 04 01 07.6 DEPTH CCOCC 00010 00020 CC030 CC042 CC050 CC076	BOTOP 005E1 ShiP E1 DATA USE 1 AREA 05 TEMP 01.63 01.63 01.63 01.64 01.64 01.68 01.52 01.53 01.54 01.55 01.55 01.95 01.95 01.95 01.95 01.95 01.95 01.95 01.95	AIR 1 WET E BARON CLCUG SAL 34.45 34.45 34.45 34.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46 34.46	SEMP 00.8 SULE -00.6 SETR 1022.3 SIGNA-T 27.57 27.67	DIR h. 17 SEA CL/TR OYNOPTH CC.COC CO.005 CC.G11 CC.C16 CO.027 CO.040 OO.052 CO.C67 CO.080 OO.106 CC.130	SAD VEL 1456.8 1456.8 1457.0 1457.1 1457.1 1457.5 1458.0 1458.0 1458.5 1458.8 1458.8 1459.4 1459.4 1459.9 1460.6 1469.6 1460.6 1460.6 1460.6	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	03.4 31 2396 0008 48 28 N 045 04 W INJM/TIME 07.6 07.6 07.6 07.6 07.6 07.6 07.6	VEAR MCNTI CAY MOUR STD CAS STD	1574 P 04 01 07.6 DEPTH 60000 0001	BOTOP 005E1 ShAP E1 DATA USE 1 AREA 05 TEMP 01.83 01.83 01.84 01.86 01.82 01.83 01.84 01.85 01.90 01.90 01.90 01.90 01.90 01.95 01.9	AIR 1 WET 6 BARDM CLCUC SAL 24.45 24.45 24.45 24.46 34.46	SIGMA-T 27.57 27.71	DIR h. 17 SEA CL/TR OYNOPTH CC.COC CO.005 CC.G11 CC.C16 CO.027 CO.040 OO.052 CO.C67 CO.080 OO.106 CC.130	SAD VEL 1456.8 1455.8 1457.0 1457.0 1457.1 1457.1 1457.1 1457.5 1458.3 1458.3 1458.3 1459.0 1488.3 1459.0 1489.0 1489.0 1469.2 1470.3 1440.3 1440.3 1440.3 1471.6 1471.8 1471.8	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	03.4 31 2396 0 0008 48 28 N 045 04 W INUM/TIME 07.6 07.6 07.6 07.6 07.6 07.6 07.6 07.6 07.6	VEAR MCNT LAY MOUR STD CAS STD	1574 P 04 01 07.6 DEPTH CC000 C0000 00010 00010 00020	BOTOP 005E1 ShAP E1 DATA USE 1 AREA 05 TEMP 01.83 01.83 01.84 01.86 01.82 01.83 01.84 01.85 01.9	AIR 1 WET 6 BARDE CLCUC SAL 34.45 34.45 24.46 34.46	EMP 00.8 EULE -00.6 ETR 1022.3 0 T/A 0/3 SIGMA-T 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.57 27.56 27.56 27.56 27.57 27.67 27.67 27.67 27.67 27.67 27.67 27.71 27.71 27.71 27.71	OIR h. 17 SEA CL/TR OYNDFTH CC.COC CO.005 CC.011 CC.C16 CO.027 CO.040 OO.052 CO.C67 CO.080 OO.106 CC.130 CO.152	SND VEL 1456.8 1456.8 1457.0 1447.0 1447.1 1457.1 1457.1 1457.5 1458.3 1458.3 1458.5 1459.8 1459.8 1459.8 1459.8 1459.8 1459.8 1459.8 1459.8 1459.8 1459.8 1459.8 1459.8 1459.8 1459.8 1459.8	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85
CONSEC LAT LONG	03.4 31 2396 0008 48 28 N 045 04 W INJM/TIME 07.6 07.6 07.6 07.6 07.6 07.6 07.6	VEAR MCNT. LAY HOUR STD. CBS	1574 P 04 01 07.6 DEPTM C0000 00010 00020 C0030 C0042 00050 00066 C0075 00090 C0100 00132 C01150 00132 C0150 00250	BOTOP 00521 ShAP E1 DATA USE 1 AREA 05 TEMP 01.83 01.83 01.84 01.84 01.84 01.85 01.90 01.95 01.9	AIR 1 WET 6 BARDE 1 SAL 24.45 34.45 34.46 34.40	SIGNA-T 27.57 27.70 27.71 27.71 27.71	OIR h. 17 SEA CL/TR OYNDFTH CC.COC CO.005 CC.011 CC.C16 CO.027 CO.040 OO.052 CO.C67 CO.080 OO.106 CC.130 CO.152	SAD VEL 1456.8 1456.8 1457.0 1457.1 1457.1 1457.5 1458.0 1458.0 1458.0 1458.0 1459.4 1459.4 1469.4 1469.4 1469.4 1469.4 1469.4 1470.2 1470.2 1471.6 1470.2 1470.2 1471.6 1471.6 1471.6	BIND-SPD BIND-FCR BEATHER	16 X1	TRACE DURAT DRIG	DIR 10A A2 056	308	5 S 2 S 1 S	QUARE 84 QUARE 85

TABLE II. CGC CHASE, March 1974—(Continued)

CASINUM/TIME LVLTYP DEPTH TEMP SAL SIGMA-T DYNDPTH SND VEL DXYG #D# STD CC000 00.75 24.06 27.33 CC.000 1451.4 10.8 CBS 00000 00.75 34.06 27.33 1421.4 STD 00010 00.78 34.06 27.33 00.008 1451.7	INST WANSEN CAST TEN SQ 1306 TRACE DIR 5 SQUARE 84 DURATION 2 SQUARE 84 ORIG A2 05809 1 SQUARE 85
10.8 CBS 00000 00.75 34.06 27.33 1411.4 STD 00010 C0.78 34.08 27.34 C0.008 1451.7	TOT P NO2 NC3 SID3 PH
10.8 CBS 00000 00.75 34.06 27.33 1461.4 STD 00010 C0.78 34.08 27.34 C0.008 1451.7	
STD 00010 C0.78 34.08 27.34 C0.008 1451.7	
10.8 DBS 00013 00.79 34.08 27.34 14E1.8	
STD G0020 00.83 34.08 27.34 G0.015 1452.1	
STD C0030 00.54 24.11 27.36 00.022 1452.8	
10.8 C8S 00030 00.64 34.11 27.36 1452.8	
10.8 OBS 00042 01.15 34.20 27.41 1454.1	
STD 00050 01.50 34.30 27.47 60.036 1455.5	
10.8 CBS 00060 01.88 34.40 27.52 1457.5	
STD 00075 02.05 34.45 27.55 40.051 1459.0	
10.8 CBS 00090 02.21 34.49 27.57 1460.0	
STD 00100 02.30 34.51 27.58 00.064 1460.6	
STD 00125 02.50 24.56 27.60 C0.077 1461.5	
10.8 CBS 00125 02.50 34.56 27.60 1461.5	
STD 00150 02.56 34.60 27.63 C0.089 1462.6	
10.8 CBS 00190 02.78 34.66 27.66 1464.3	
STD C0200 02.52 34.68 27.66 00.113 1465.1	
STD 00250 03.46 34.76 27.67 CO.136 1466.4	
10.6 OBS T00255 C3.50 34.77 27.68 1468.6	
STD 00300 03.68 34.81 27.69 00.158 1470.2	
10.8 CBS 00321 03.75 34.83 27.70 1470.6	
10.8 CBS T00366 03.54 34.67 27.71 1472.8	
STD 00400 03.54 24.87 27.71 CC.201 1473.0	
STD 00500 03.89 34.89 27.73 00.244 1474.5	
10.8 OBS CO520 03.88 34.86 27.73 1474.8	
STC C0600 03.81 34.89 27.74 C0.286 1475.8	
10.8 OBS T00667 C3.68 34.88 27.75 1476.9	

TABLE III. CGC SHERMAN, October 1974

REFIL CONSI LAT LONG	EC	84C7 0001 56 N 30 M	MONT	1674 10 13 15+9	BCTOP 05218 SHIP 1H DATA USE II AREA 05				GT PER	WIND-DIR WIND-SPD WIND-FOR WEATHER	08	TRACE		00.8	5	N SQ 1207 SQUARE 3 SQUARE 80 SQUARE 90
CA:	STNUM	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SAD VEL	OXYG	P04	TOT P	NO2	NO3	\$103	PH
			STD	60000	23.01	35.83	24.58	C0.000	1530.9							
		19.9	Cas	00000	23.01	25.83	24.58		1530.9							
			STD	00010	22.99	35.83	24.59	C0.034	1531.1							
			CBS	00010	22.99	25.83	24.59		1521.1							
			085	00020	22.99	35.83 35.83	24.59	00.067	1531.2							
			STO	00020	22.99	25.63	24.59	CO-101								
			OBS	00030	22.99	35.83	24.59		1531.4							
			STO	00050	21.02	26.50	25.65	60.158								
			CBS	00050	21.02	36.50	25.65		1527.4							
			STD	00075	19.76 19.76	36.48	25.97	CO-214	1524.4							
			OBS	(0000	19.12	36.44	26 - 11		1522.9							
			STO	C0100	18.70	36.45	26.22	60.263								
			oas	00100	16.70	36.45	26.22		1621.9							
			CBS	COICS	16.45	36.43	26.27		1521.3							
			STD	00125 00125	18.32 18.32	36.44	26.31	66.308								
			STD	00150	17.80	36.38	26.40	00.351	1521.2							
			CBS	00150	17.80	36.38	26.40		1520.0							
			STD	C0200	17.41	26.39	26.50	60.434								
			085	00200	17.41	36.39	26.50		1519.7							
			CBS	00211	17.44	36.41	26.51	00 510	1520.0							
			CBS	C0250 00250	16.76 16.76	26.21 36.31	26.59	00.512	1518.5							
			STO	60200	15.55	36.16	26.66	CO.588	1516.8							
			OBS	C0300	15.99	26.16	26.66		1516.8							
			STD	C0400	14.09	35.84	26.83	00.729								
			085	00400	14.09	35.84	26.83		1512.1							
			CBS OBS	00430	13.79 13.62	35.79 35.82	26.88		1511.5							
			OBS	00469	12.64	35.62	26.92		15(8.8							
			OBS	00479	12.91	35.68	26.96		1509.3							
			STD	00500	12.58	35.64	26.99	00.657								
			085	C0500	12.58	35.64	26.99		15CE.5							
			STD	C0600	10.20	35.28 35.28	27.15 27.15	60.570	1501.3							
			STD	CG700	08.26	25.13	27.36	01.066								
			CBS	CC700	CE.26	25.13	27.36		1455.6							
			CBS	00749	07.61	35.10	27.43		1493.5							
			STD	60800	06.62	35.04	27.53	01-143								
			CBS	00800 63300	06.62 05.97	25.044 35.050	27.53 27.62		1450.8 1489.3							
			085	43300	05.69	35.070	27.64		1489.3							
			STD	C0900	05.68	25.05	27.66	61.20€	1468.7							
			085	(0900	05.68	35.053	27.66		1468.7							
			OBS STD	00924	05.43 05.14	35.023 35.02	27.66 27.70	C1.261	1488.1							
			085	01000	05.14	35.026	27.70	(1.201	1468.1							
			OBS	01052	64.40	24.913	27.70		1465.8							
			STD	C1100	04.61	35.02	27.73	01.312								
			085	C1100	04.68	35.020	27.73		1468.5							
			CBS	01200 C1200	04.56 04.56	35.00 35.005	27.75 27.75	01.361	1489.1							
			CBS	01240	04.46	34.990	27.75		1469.3							
			085	01264	04.14	34.940	27.75		1488.3							
			085	01283	G4.45	35.010	27.77		1450.0							
			STO	61300	04.43	35.00	27.76	01.410	1490.2							
			08S 08S	01300 01342	64.43 04.24	25.002 34.980	27.76 27.77		1450.2							
			STO	01400	04.24	35.00	27.77	01.457								
			CBS	01400	04.28	35.000	27.78		1451.3							
			CBS	01483	04.12	34.990	27.79		1492.0							
			STD	01500	04.01	34.57	27.78	01.504								
			CBS	01500	04-01	34.970	27.76		1491.8							

TABLE III. CGC SHERMAN, October 1974—(Continued)

REFID CONSEC LAT LONG (40	8407 0002 54 N 30 W	MONT	1974 H 10 14 02+2	BOTCP 03877 SHIP 1H CATA USE 1 AREA CS			DIR FO 19 SEA CL/TF	OT PER	WIND-DIR WIND-SPC WIND-FOR WEATHER	12	TRACE	CIR	CORDER D 00.7	5	N SQ 1: SQUARE SQUARE SQUARE	00
			LVLTYP	CEPTH	TEMP	SAL	SIGNA-T	DYNDPTH	SND VEL	OXYG	P04	TOT P	NO2	NG3	S 1 0 3	PH	
CASTI	1010			60000	22.11	25.66	24.71	¢0.000	1528.5								
			STD	60000	22.11	35.66	24.71	64.000	1526.5								
		02.2	SID	00010	22.11	35.67	24.71	00.032	1528.7								
			085	00010	22.11	35.67	24.71	000002	1528.7								
			STD	00020	22.11	35.67	24.71	60.CEE									
			085	60020	22.11	35.67	24.71		1528.8								
			STD	00030	22.44	35.82	24.74	CO.CS7									
			085	00030	22.44	35.62	24.74		1530.0								
			STD	00050	15.40	36.27	25.91	CO.151	1522.8								
			CBS	00050	19.40	36.27	25.91		1522.6								
			STD	00075	18.56	36.34	26.17	00.201	1520.9								
			OBS	00075 C0100	16.56 17.91	36.34	26.17 26.37	00.246	1519.5								
			OBS	60100	17.51	36.38	26.37	001240	1519.5								
			STO	00125	16.75	36.14	26.47	C0.267	1516.2								
			CBS	00125	16.75	36.14	26.47		1516.2								
			STO	00150	16.22	36.09	26.55	C0.326	1515.0								
			085	00150	16.22	36.09	26.55		1515.0								
			STO	00200	14.61	35.89	26.72	00.400	1511.2								
			COS	00200	14.81	35.89	26.72		1511.2								
			GBS	00269	14.93	35.91	26.71		1511.7								
			OBS	00218	14.53	35.93	26.72		1511.9								
			STD	00250	14.06	35.75	26.77	00.469	1509.4								
			CBS	C0250	14.06	35.75	26.77		1509.4								
			08S	00262 00270	14.12	35.80	26.80 26.82		1508.5								
			685	00281	13.62	35.77	26.84		1509.1								
			CBS	00254	13.45	35.69	26.85		1508.0								
			STD	00300	13.60	35.75	26.87	00.535	1508.7								
			CBS	00300	13.60	35.75	26.87		15CE.7								
			STO	60400	11-40	25.43	27.05	00.654	1502.5								
			CBS	00400	11.40	25.43	27.05		1502.5								
			STD	00500	09.06	35.16	27.25	00.756	1495.3								
			085	00560	05.06	35.16	27.25		1495.3								
			STD	00600	07.23	35.06	27.45	66.839	1489.9								
			085	C06C0	C7.23	35.06 25.06	27.45 27.58	00.508	1469.9								
			STO CBS	CC700	06.34 06.34	25.06	27.58	00.900	1488.0								
			STD	00800	05.42	35.02	27.66	60.566	1486.0								
			CBS	00800	05.42	25.020	27.66	******	1486.0								
			CBS	00844	65.15	25.010	27.69		1485.6								
			STD	C0900	05.11	35.03	27.71	01.416	1466.4								
			CBS	60900	05.11	35.033	27.71		1466.4								
			CBS	00954	04.52	25.030	27.73		1466.5								
			CBS	00963	04.57	35.044	27.73		1466.5								
			085	33200	04.57	25.044	27.73		1467.3								
			STO	01000	04.51	25.02	27.73	01.068	1467.2								
			CBS	01 000	04-91	35.024	27.73		1486.9								
			085	01006	04 - € 0	35.022	27.74	C1-117	1467.3								
			STD	01100 C11C0	04.54	25.01 25.010	27.76 27.76	C11117	1467.3								
			OBS	01200	04.35	35.00	27.77	01.163	1488.2								
			685	61200		35.000	27.77		1488.2								
			085	01243		34.982	27.77		1488.4								
			OBS	01253		34.954	27.76		1488.1								
			085	01292		34.570	27.77		1488.8								
			STD	C1300		24.95	27.77	C1.209	1468.4								
			CBS	C13C0		34.950	27.77		1468.4								
			STD	01400		34.94	27.78	01.255	1469.4								
			CBS	01400		24.944	27.78		1469.4								
			STD	01500		34.94	27.78	01.302	1490.9								
			088	01500	03.62	34.940	27.78		1490.9								

TABLE III. CGC SHERMAN, October 1974—(Continued)

EF LO CONSEC AT CONG		20 1	MONT	1974 H 10 14 07.0	SHIP 1M DATA USE AREA 0	WET L BARG	TEMP 18.9 BULB 17.8 METR 1024.0 ID T/A		GT PER	MIND-DIR WIND-SPD WIND-FOR WEATHER		DURA	E DIR	ECORDER D 90.8 3003	5	EN SQ 130 SQUARE SQUARE 0 SQUARE 1
CAST	NUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTE	SND VEL	OXY G	P04	TOT P	NO2	NO3	\$103	PH
			STD	00000	20.34	35.20	24.84									
		07.0	CBS	00000	20.34	35.20	24.84	C0.000	1623.3							
			STD	01000	20.32	25.20	24.85	CO.031	1523.3							
			OBS	60010	20.32	35.20	24.85	00.031	1523.4 1523.4							
			STD	00020	20.20	35.18	24.87	00.062								
			OBS	00020	20.20	25.18	24.87	001002								
			STO	00030	20.15	35.16	24.86	00.693	1623.2 1523.2							
			cas	00030	20.15	35.16	24.86	001093	1223.2							
			STO	60050	16.67	35.62	26.04	00.144	1514.7							
			CBS	00050	16.67	35.62	26.04	001144	1514.7							
			STD	00075	15.64	35.85	26 .46	00.189	1612.3							
			08\$	CG075	15.64	35.65	26.46	*******	1512.3							
			STD	00100	15.29	35.91	26.63	CC.228	1511.1							
			Cas	00100	15.29	35.91	26.63		1511.1							
			STO	00125	14.66	36.83	26.70	00.263	1509.4							
			088	00125	14.66	35.63	26.70		1509.4							
			STD	00150	14.67	25.73	26.75	00.257	1507.8							
			085	00150	14.07	35.73	26.75		1507.8							
			STD	00200	13.40	35.66	26.84	60.363	1506.3							
			CBS	00200	13.40	25.66	26.84	******	1566.3							
			STD	00250	12.51	35.54	26.93	00.425	1504.0							
			CBS	90250	12.21	35.54	26.93	******	1504.0							
			STO	00300	11.11	35.38	27.07	60.482	1459.8							
			CBS	C0300	11.11	35.38	27.07	******	1499.8							
			STD	60400	C9.18	36.17	27.24	60.581								
			CBS	C04C0	09.18	35.17	27.24		1454.2							
			STD	C0500	07.23	35.07	27.42	00.665	1469.4							
			CBS	00500	07.53	35.07	27.42	*******	1469.4							
			STD	00600	06.16	35.03	27.56	00.733	1485.6							
			CBS	00600	96.16	25.03	27.58	*******	1465.6							
			STD	60760	05.55	35.02	27.65	00.791	1464.8							
			OBS	C0700	98.55	35.02	27.65		1484.8							
			STO	90800	05.04	35.02	27.71	CC-642	1464.4							
			CBS	CC800	05.04	35.020	27.71		1464.4							
			STO	C09C0	04.78	25.01	27.73	C0.892	1465.0							
			088	(0900	04.78	35.010	27.73		1465.0							
			STO	01000	04.61	35.01	27.75	00.939	1466.0							
			CBS	01000	04.61	35.010	27.75		1466.0							
			STD	01100	94.44	35.00	27.76	60.586	1486.9							
			oes	01100	04.44	35.00C	27.76		1486.5							
			STO	01500	04.31	34.99	27.77	01.032	1468.0							
			085	01200	04.31	34.995	27.77		1488.0							
			STO	01300	04.19	34.99	27.76	C1.078	1489.2							
			088	01300	04.19	34.990	27.78		1489.2							
			STD	01400	04.09	34.99	27.79	C1.123	1450.5							
			CBS	01400	04.09	34.991	27.79	,	1490.5							
			STD	01500	03.56	34.99	27.80	901.10	1451.6							
			CBS	01500	03.56	34.990	27.80	,	1451.6							

TABLE III. CGC SHERMAN, October 1974—(Continued)

REFID 31	8407		1574 h 10	BOTOP 03682 Ship in	AIR			GT PER 2 3	MIND-DIR BIND-SPD		INST TRACE	STD REC	ORDER D		N SQ 1	
	1 49 N		14	DATA USE 1		META 1026.8 D T/A	SEA CL/TR		WIND-FOR	x1	DURAT	10N A4 030	60.6		SQUARE SQUARE	
000					-200		427				-					
CASTNU	A/T EME	LVLTYP	DEFIN	TERF	SAL	SIGNA-T	DYNOPTH	SND VEL	DXYG	P04	101 P	NG2	NG3	\$103	PH	
		STD	60000	21.ce	35.37	24.77	cc.coc	1525.5								
	11.4	EBS	00000	21.08	35.37	24.77		1225.5								
		STD	60010	21.CE	35.37	24.77	00.032	1825.6								
		CBS STD	00010	21.08	35.37	24.77		1625.6								
		005	00020	21.08 21.08	35.37 35.37	24.77	CO • 06 4									
		STD	00030	21.09	35.38	24.77 24.78	CC.C96	1525.8								
		ces	00030	21.09	35.38	24.78		1526.0								
		STD	00050	17.21	26.14	26.28	60-14E	1517.3								
		£85	0.0050	17.51	36.14	26.28		1517.3								
		CBS	00058	17.21	36.07	26.30		1516.4								
		CBS	00069	17.30	36.21	26.39		1517.0								
		STD	00075	17.21	36.25	26.44	881.00	1516.9								
		CBS	00075	17.21	36.25	26.44		1516.9								
		STD	00100	15.77	35.99	26.58	00.227	1512.7								
		OBS	C0100	15.77	35.99	26.58		1512.7								
		STD	00125	14.75	35.81	26.67	C0.263	1569.6								
		CBS	00125	14.75	35.81	26.67		1509.6								
		GBS	00130	14.91	35.92	26.72		1510.4								
		STO	00150	14.42	35.79	26.72	00.298	1509.0								
		CBS	00150	14.42	35.79	26.72	00 244	1509.0								
		385	00200	13.43	35.68	26 .85	00.364	1506.4								
		STD	00250	12.57	35.68 35.60	26.85 26.96	CQ.425	1506.4 1504.3								
		385	00250	12.57	35.60	26.96	64.425	1504.3								
		STD	60300	11.36	35.42	27.05	00.481									
		186	00366	11.38	35.42	27.05	******	1500.8								
		STD	60400	09.18	35.19	27.26	60.581									
		:8\$	C0400	65.18	35-19	27.26		1454.2								
		STD	00500	67.45	35.06	27.42	00.664									
		188	CC500	C7.45	35.06	27.42		1469.1								
		STO	60600	06.08	25.03	27.59	CQ.732	1465.3								
		18	00000	96.98	35.03	27.59		1465.3								
		STD	06700	05.42	35.02	27.66	60.788	1464.3								
		38S	00700	05.42	35.02	27.66		1464.3								
		STD	C0800	95.67	35.03	27.71	00.839	1464.5								
		085	00800	05.07	25.030	27.71		1464.5								
		STD	(0960	04.78	35.02	27.74	60.887	1485.0								
		ces	C0900	04.78	35.020	27.74		1485.0								
		STO	01000	04.55 04.55	35.01	27.76	CO.934									
		STO	01100		35.010	27.76	00 676	1485.7								
		CBS	01100	04.41	35.000 35.000	27.76 27.76	00.575	1466.8								
		STO	61200	04.27	34.99	27.77	01.025	1467.9								
		CBS	01200	04.27	34.991	27.77	616653	1467.5								
		STO	C1300	C4.15	34.99	27.78	01-071	1489.0								
		CBS	01300	04.15	34.991	27.78		1469.0								
		STD	01460	04.07	34.99	27.79	01-116									
		QBS	01400	04.07	34.991	27.79		1490.4								
		STD	01500	93.56	34.58	27.80	C1-161	1491.6								
		088	01500	03.66	34.681	27.60		1461.6								

TABLE III. CGC SHERMAN, October 1974—(Continued)

REFID CONSE LAT LONG			YEAR MONTH DAY HOUR	10	BOTOP 02630 SHIP 1H DATA USE 1 AFEA 05	MET (MARC CLC)			GT FER 1 2	#IND-DIR #INC-SPD #INC-FOR #EATHER	08	TRACE		00 • 4	5	EN SQ 1307 SQUARE 1 SQUARE 20 SQUARE 20
CAS	TNUH	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGNA-T	DYNOPTH	SAD VEL	QXYG	P04	TOT P	NG2	NG3	\$103	PH
			STD	60000	16.27	33.53	24.58	60.000	1509.6							
		15.2	CBS	C0000	16.27	23.53	24.58		1569.6							
			STO	00010	16.14	23.56	24.63	66.633	1509.4							
			O8S STD	01003	16.14	33.56	24.63		1509.4							
			CBS	00020	15.E1 15.E1	23.65 33.85	24.93	CO.065	1508.9							
			STO	00030	15.57	35.34	26.12	66.090	1510.1							
			CBS	C0030	15.57	35.34	26.12		1510.1							
			STO	COGSC	13.22	25.16	26.49	00.125	1502.6							
			CBS	00050	13.22	36.16	26.49		1502.6							
			STD	C0075	14.00	35.58	26.65	00.162	1506.1							
			CBS CBS	00082	14.G0 13.75	35.58	26.65 26.65		1506.1							
			CBS	CCCE7	13.99	35.57	26.65		1506.3							
			CBS	00094	13.56	25.65	26.72		1506.4							
			STD	C0100	14.04	35.72	26.75	00.196	1506.8							
			CBS	60100	14.64	35.72	20.75		1506.8							
			STC	00125	13.52	35.66	26.82	66.225	1505.5							
			CBS	00125	13.52 13.61	35.66	26.82 26.88	C0.260	1505.5							
			CBS	C0150	13.01	35.61	26.88		1504.1							
			OBS	00161	12.60	35.59	20.91		1503.9							
			STD	C0200	11.45	35.30	26.94	CC.220	1459.2							
			085	00200	11.45	35.30	26.94		1499.2							
			CBS	00210	11.14	25.22	26,94		1458.2							
			COS	00221	11.69	35.44	27.01	00.376	1500.6							
			CBS	00250	10.97	35.35	27.07	00.376	1458.4							
			STD	C03C0	09.89	25.23	27.17	00.427	1495.2							
			CBS	00300	C5.85	35.23	27.17		1495.2							
			STO	00400	08.31	35.10	27.33	66.517	1450.8							
			085	60400	CE.31	35.10	27.33		1450.8							
			STD	00500	06.76	35.05	27.51	C0.E92	1466.4							
			STD	C0500	06.76 05.55	35.05	27.51 27.62	00.653	1484.8							
			CBS	00600	05.55	35.05	27.62	*******	1464.8							
			STD	CC700	05.46	35.05	27.68	60.707	1464.5							
			CBS	C0700	05.46	35.05	27.68		1464.5							
			STD	00800	04.98	35.02	27.72	00.756	1464.2							
			CBS	C0800	04.58	35.024	27.72		1464.2							
			OBS	60900	04.76 04.76	35.03 35.03¢	27 • 75 27 • 75	00.204	1484.5							
			CBS	60935	04.67	35.024	27.75		1465.1							
			CBS	00951	04.75	35.050	27.77		1465.8							
			STD	01000	04.62	35.02	27.76	CC.E50	1466.0							
			085	01000	04.62	35.020	27.76		1486.0							
			CBS	01052	04.43	35.000	27.76		1466.1							
			STD	01084 C1100	04.44	35.002	27.76 27.76	00.896	1466.6							
			Cas	01100	04.39	34.990	27.76	441070	1466.7							
			STE	01200	04.24	34.99	27.77	60.942	1467.7							
			085	01200	04.24	34.991	27.77		1467.7							
			STO	C1300	04.13	34.99	27.79	60.587	1469.0							
			085	01300	04.13	34.990	27.79		1489.0							
			COS	01360	04.12	34.992 34.98	27.79	01.070	1489.9							
			085	61400	04.04	34.984	27.79 27.79	01.032	1450.2							
			STD	C1500	03.98	34.99	27.80	C1.077	1451.7							
			CBS	C1500	03.98	34.990	27.80		1451.7							

TABLE III. CGC SHERMAN, October 1974—(Continued)

LAT 42 29 N DAY 14 DAY 15 DAY 15 DAY 15 DAY 15 DAY 15 DAY 15 DAY 16 DAY	REFID 31			1974	BOTOP 02019				GT FER	WIND-DIR			STC RE			N SQ 1307
CASTMANT INC. CASTMANT INC. CASTMANT INC. CASTMANT CALT. CASTMANT INC. CASTMANT I									1 2					_		SQUARE 1
CASTMAPTIME LVLIVP DEPTH TEMP SAL SIGNAT DYNOTH SND VEL DAYE PG# TOT P NOZ NG3 \$103 18-0 GST 00000 15-00 33-56 24-44 60-000 1504-9 18-10 GST 00010 15-15 33-14 24-53 CSS 00010 15-15 33-14 24-53 SSD 00020 15-15 33-14 24-53 SSD 00020 15-15 33-14 24-53 CSS 00021 11-15 33-14 24-53 CSS 00021 11-15 33-14 24-53 CSS 00022 10-023 30-02 32-16 25-74 00-063 1493-2 CSS 00021 11-00 34-27 20-33 CSS 00020 11-00 34-27 10-02 CSS 00020 11-00 34-27 11-02 C																SQUARE 20
18.0 CRS COURS 15.00 23.54 24.44 CO., 200 108.5 CO. 20 CRS	25.10		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					45 11								
18.0 COS	CASTNU	M/T IME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SAD VEL	OXYG	PQ4	TOT P	NO2	NO3	S103	PH
STO COSIO 15-15 33-14 24-53 C0.035 1656-8 CBS 00100 15-15 133-14 22-53 C0.035 1656-8 CBS 00100 15-15 133-14 22-53 C0.0403 1656-8 CBS 00100 15-15 133-14 22-53 C0.0403 1656-8 CBS 00023 10-16 3 23-68 25-74 1452-3 CBS 00023 10-16 3 23-68 25-74 1452-3 CBS 00100 11-16 34-77 26-447 CBS 00100 13-79 33-68 26-77 CBS 00060 13-79 33-68 26-77 CBS 00100 13-41 33-65 26-78 CBS 00100 13-41 33-65 26-78 CBS 00100 13-41 33-65 26-78 CBS 00100 13-41 33-66 26-84 CBS 00100 13-41 33-68 27-11 CBS 00200 CB			STD	00000	15.00	32.98	24.44	C0-000	1504.9							
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STD 0500 06-23 35.05 27.58 C0.823 1484-3 OBS C0500 06-23 35.05 27.58 1484-3 OBS 00566 03-22 34.71 27.63 1473-8 OBS 00561 03-69 34.72 27.64 1473-9 STD 0600 03.33 34.71 27.64 1473-5 OBS 00615 03.23 34.71 27.64 1473-5 OBS 00615 03.23 34.71 27.64 1473-5 OBS 00615 03.23 34.72 27.66 1474-0 STD 0700 03.33 34.71 27.64 1473-5 OBS C0700 03.33 34.76 27.68 1474-0 STD 0700 03.33 34.76 27.68 1475-3 OBS C700 03.53 34.76 27.68 1475-3 STD 0800 03.53 34.82 27.71 C0.673 1477-8 OBS C0800 03.53 34.82 27.71 C0.673 1477-8 OBS C0800 03.53 34.82 27.71 1477-8 OBS C0800 03.53 34.82 27.71 1477-8 OBS C0800 03.53 34.82 27.73 1480-8 OBS C0800 03.53 34.82 27.73 1480-8 OBS C0800 03.72 34.87 27.74 00.718 1860-4 CBS C0900 03.72 34.87 27.74 00.718 1860-4 CBS C0900 03.72 34.87 27.74 1460-2 STD C1000 03.63 34.864 27.77 1480-2 STD C1000 03.63 34.864 27.77 1480-2 STD C1000 03.63 34.86 27.77 1480-2 STD C1000 03.64 34.86 27.77 1480-2 STD C1000 03.65 34.86 27.77 1480-2 STD C1000 03.66 34.87 27.77 1480-2 STD C1000 03.66 34.87 27.77 1480-2 STD C1000 03.66 34.86 27.77 1480-5 STD C1000 03.66 34.86 27.77 1480-7																
OBS								C0.223								
OBS			CBS	C0500		35.05	27.58									
STD																
CBS								44 577								
085 00615 03.28 34.72 27.66 1473.6 085 00625 03.34 34.75 27.68 1474.0 STD 0700 03.33 34.76 27.68 (C.626 1475.3 STD 0800 03.53 34.82 27.71 (0.272 1477.8 085 C0800 03.53 34.82 27.71 1477.8 085 C0800 03.53 34.82 27.73 1480.8 085 C0840 04.11 34.923 27.73 1480.8 STD C0900 03.72 34.87 27.74 00.718 1480.4 C85 C0900 03.63 34.84 27.72 1480.2 STD C1000 03.63 34.86 27.74 (0.809 1483.5 STD C1000 03.63 34.86 27.75 00.455 1485.1 STD C1200 03.64 34.88 27.75 00.455 1485.1 STD C1200 03.64 34.88 27.75 00.455 1485.1 STD C1300 03.62 34.88 27.75 00.455 1486.7 STD C1300 03.62 34.88 27.75 00.455 1485.1								00.577								
OBS																
STD 00700 03.33 34.76 27.68 Cc.626 L475.3 OBS C0700 03.33 34.76 27.68 L475.3 STD 00800 03.53 34.82 27.71 C0.672 L477.8 OBS C0800 03.53 34.82 27.71 L477.8 OBS C0800 03.53 34.82 27.73 L460.8 OBS C0840 04.19 34.933 27.73 L461.4 STD C0900 03.72 34.87 27.74 00.718 L480.4 CBS C0900 03.72 34.87 27.74 1460.4 CBS C0912 03.63 34.84 27.72 1460.2 STD C1000 03.63 34.86 27.74 C0.763 L461.7 OBS 01000 03.63 34.86 27.74 C0.89 1463.5 STD C100 03.63 34.86 27.75 L461.7 OBS C1100 03.66 34.87 27.74 C0.89 1463.5 STD C1200 03.64 34.88 27.75 00.855 1465.1 OBS C1200 03.64 34.88 27.75 1465.1 OBS C1300 03.62 34.86 27.75 1465.1 OBS C1300 03.62 34.88 27.75 1465.1 OBS C1300 03.62 34.88 27.75 1465.7 OBS C1300 03.62 34.88 27.75 1466.7 STD C1300 03.62 34.88 27.75 1466.7 STD C1300 03.62 34.88 27.75 1466.7 OBS C1300 03.62 34.88 27.75 1466.7 STD C1300 03.62 34.88 27.75 1466.7 OBS C1300 03.62 34.88 27.75 1466.7 OBS C1300 03.62 34.88 27.75 1466.7 OBS C1400 03.60 34.88 27.75 1466.7 OBS C1400 03.60 34.88 27.75 1466.7 OBS C1300 03.62 34.88 27.75 1466.7 OBS C1300 03.62 34.88 27.75 1466.7 OBS C1300 03.62 34.88 27.75 1466.7																
STD 00800 03.53 34.82 27.71 C0.£72 1477.8 OBS C0800 03.53 34.82 27.71 1477.8 OBS C0800 03.53 34.82 27.71 1477.8 OBS C0800 03.53 34.82 27.73 1480.8 OBS C0840 04.19 34.933 27.73 1481.4 STD C0900 03.72 34.87 27.74 00.718 1480.4 CBS C0900 03.72 34.87 27.74 1480.4 CBS C0912 03.63 34.884 27.72 1480.2 STD C1000 03.63 34.866 27.74 C0.763 1481.7 OBS 01000 03.63 34.866 27.74 1481.7 STD 01100 03.63 34.867 27.74 1481.7 OBS C1100 03.66 34.87 27.74 1481.7 OBS C1100 03.66 34.87 07.74 1481.7 STD 01300 03.64 34.88 27.75 1485.1 OBS C1200 03.64 34.88 27.75 1485.1 OBS C1300 03.62 34.884 27.75 1486.7 OBS C1300 03.62 34.884 27.75 1486.7 OBS C1300 03.62 34.884 27.75 1486.7 OBS C1400 03.60 34.88 27.75 1486.7 OBS C1300 03.62 34.884 27.75 1486.7 OBS C1300 03.62 34.884 27.75 1486.7 OBS C1400 03.60 34.880 27.76 C0.994 1488.3				00700	03.33		27.68	659.33								
OBS			CBS													
QBS								CO.£72								
085																
STD C0900 03.02 34.87 27.74 00.718 1480.4 CBS C0900 03.72 34.873 27.74 1460.4 CBS 00912 03.63 34.884 27.72 1460.2 STD C1000 03.63 34.86 27.74 1461.7 OBS 01000 03.63 34.86 27.74 1461.7 STD 01100 03.66 34.87 27.74 1481.7 STD 01100 03.66 34.87 27.74 00.809 1483.5 OBS C1100 03.66 34.87 27.75 1483.5 OBS C1200 03.64 34.88 27.75 00.855 1465.1 STD 01300 03.64 34.88 27.75 1465.1 OBS 01200 03.64 34.88 27.75 1465.1 STD 01300 03.62 34.868 27.75 1465.1 OBS C1300 03.62 34.884 27.75 0.0.902 1486.7 STD 01400 03.60 34.88 27.75 1465.7 STD 01400 03.60 34.88 27.75 1465.7																
CBS C0900 03.72 34.873 27.74 1480.4 CBS 00912 03.63 34.864 27.72 1480.2 STD C1000 03.63 34.864 27.72 00.763 1481.7 OBS 01000 03.63 34.863 27.74 1481.7 STD 01100 03.66 34.87 27.74 60.809 1483.5 OBS C1100 03.66 34.87 27.74 1481.7 STD C1200 03.64 34.88 27.75 1485.1 OBS 01200 03.64 34.88 27.75 00.855 1485.1 STD C1200 03.64 34.88 27.75 00.855 1485.1 OBS 01200 03.62 34.88 27.75 C0.902 1486.7 STD 01300 03.62 34.88 27.75 1486.7 STD 01400 03.60 34.89 27.75 1486.3								00.718								
STD C1000 03.63 34.66 27.74 C0.763 1421.7 OBS 01000 03.63 34.863 27.74 1421.7 STD 01100 03.66 34.87 27.74 C0.809 1483.5 OBS C1100 03.66 34.87 27.74 1423.5 STD C1200 03.64 34.88 27.75 1423.5 OBS 01200 03.64 34.88 27.75 00.855 1485.1 STD C1300 03.64 34.88 27.75 1485.1 STD C1300 03.62 34.884 27.75 0.902 1486.7 OBS C1300 03.62 34.884 27.75 1446.7 STD 01400 03.60 34.884 27.75 1486.7 OBS 01400 03.60 34.889 27.76 00.948 1428.3							27.74		1460.4							
OBS 01000 03.63 34.863 27.74 1421.7 STD 01100 03.66 34.87 27.74 60.809 1483.5 OBS 01100 03.66 34.87 27.74 1423.5 STD 01200 03.64 34.88 27.75 00.855 1485.1 OBS 01200 03.64 34.88 27.75 00.855 1485.1 STD 01300 03.62 34.88 27.75 00.855 1485.1 OBS 01300 03.62 34.88 27.75 00.902 1486.7 STD 01400 03.60 34.89 27.75 1486.7 OBS 01400 03.60 34.89 27.76 00.948 1488.3			CBS	00912												
STD 01100 03.66 34.87 27.74 C0.809 1483.5 OBS 01100 03.66 34.810 27.75 1483.5 STD 01200 03.64 34.88 27.75 00.855 1485.1 OBS 01200 03.64 34.88 27.75 1485.1 STD 01300 03.62 34.88 27.75 0.902 1486.7 OBS 01300 03.62 34.88 27.75 0.902 1486.7 STD 01400 03.60 34.89 27.75 0.902 1486.7 OBS 01400 03.60 34.89 27.75 1486.3								¢0.763								
OBS C1100 03.66 34.870 27.74 1483.5 STD C1200 03.64 34.88 27.75 00.855 1485.1 OBS 01200 03.64 34.88 27.75 1485.1 STD C1300 03.62 34.88 27.75 C0.902 1486.7 OBS C1300 03.62 34.88 27.75 1486.7 STD 01400 03.60 34.89 27.75 60.994 1488.3								66 665								
SID (1200 03.64 34.86 27.75 00.855 1485.1 085 01200 03.64 34.86 27.75 1485.1 1485.1 1485.1 1485.1 1485.1 1485.1 1485.1 1485.1 1485.1 1485.1 1485.1 1486.7 1486.7 1486.7 1486.7 1486.7 1486.7 1486.7 1486.3 1480 03.60 34.89 27.76 (0.948 1486.3 14888.3 14888.3 14888.3 14888.3 14888.3 14								-0.809								
08S 01200 03.64 34.860 27.75 1485.1 STD 01300 03.62 34.88 27.75 00.902 1486.7 OBS 01300 03.62 34.864 27.75 1466.7 STD 01400 03.60 34.89 27.76 00.948 1488.3 OBS 01400 03.60 34.880 27.76 1488.3								00.655								
STD 01300 03.62 34.88 27.75 C0.902 1486.7 OBS C1300 03.62 34.884 27.75 1486.7 STD 01400 03.60 34.89 27.76 C0.948 1488.3 OBS 01400 03.60 34.890 27.76 1488.3																
OBS 61300 03.62 34.864 27.75 1466.7 STD 01400 03.60 34.89 27.76 60.948 1488.3 OBS 01400 03.60 34.880 27.76 1488.3				01300	03.62	34.88	27.75	C0-902								
DBS 01400 03.60 34.890 27.76 1468.3			085	61300	03.62	34.884										
								60.948								
ATT ALCOH AT SA TA BO 27 76 CO.COS 1480.0								00.605								
STD 01500 03.59 34.89 27.76 00.595 1489.9 QBS 01500 03.59 34.891 27.76 1489.9							27.76	04.232								

TABLE III. CGC SHERMAN, October 1974—(Continued)

REFID CONSE LAT LONG	c	8407 0007 38 N 20 W	YEAR MGNTI DAY HOUR	10	BOTOP 01450 Ship in Data USE 1 AREA 05		ETR 1029.8	DIR FO 34 : HEA CL/TR	ST PER	WIND-DIR WINE-SPO WIND-FOR WEATHER	12	TRAC	STD R E DIR Tigh A4 0	ECORDER D 00.4 3007	5 2	N SQ 1 SQUARE SQUARE SQUARE	20
CAS	TNUM	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SAD VEL	OXYG	P04	TOT P	MO2	NG3	\$103	PH	
			STD	60000	14.69	32.94	24.47	60.000	1503.9								
		20.8	085	C0000	14.69	22.94	24.47		1503.9								
			STO	C0010	14.67	32.95	24.48	00.035	1504.0								
			CBS	00010	14.67 14.63	32.95	24.48	60.665	15C4.C								
			STD OBS	00020	14.63	32.93	24.48		1504.0								
			STD	00030	13.57	32.84	24.63	501.03	1500.6								
			085	00030	13.57	32.84	24.63		1500 .6								
			STD	00050	12.79	34.43	26.01	00.157	1500.3								
			STC	00075	11.56	35.42	26.94	CO-196	1499.1								
			STD	00076	11.56	35.29	26.97	60.225	1457.0								
			OBS	CO100	11.29	35.29	26.97		1457.0								
			085	00120	08.29	34.75	27.05		1465.7								
			STD	00125	08.82	34.94	27.12	00.251	1468.0								
			085	00125	98.42	34.54	27.12		1468.0								
			Ces	00129	09.12 06.37	34.99	27.11	00.275	1476.4								
			CBS	00150	06.37	34.53	27.15		1478 .4								
			085	00179	07.36	34.78	27.22		1483.1								
			STD	00200	06.53	34.67	27.24	00.320	1480.0								
			CBS	00200	06.53	34.67	27.24		1480.0								
			CBS	00209	C7.11	34.66	27.24 27.25		1479.9								
			08S	00219	06.43	34.78	27.30		1481.6								
			085	00235	06.63	34.76	27.30		1481 -1								
			STO	00250	66.66	34.65	27.34	00.361	1462.4								
			CBS	00250	06.80	34.85	27.34		1482.4								
			OBS	602€5	66.72	34.86	27.37		1482.1								
			CBS	00277	06.55	34.96	27.41	00.397	1461.8								
			STD	60360 60360	06.46 06.46	24.97	27.49		1461.8								
			CBS	00331	66.60	35.05	27.53		1463.0								
			CBS	00340	06.73	25.09	27.55		1463.7								
			CBS	00361	06.72	35.09	27.55		1464.0								
			STD	C0400		35.07	27.59 27.59	00.452	1482.9								
			085	00400	66.29 05.70	35.07	27.65		1461.5								
			CBS	00461	95.68	34.98	27.67		1479.2								
			STO	00500		34.58	27.68	00.510									
			085	C0500	05.C2	24.98	27.68		1479.3								
			CBS	00531		24.98	27.68	44 450	1475.7								
			STD	0600		34.86	27.70 27.70	90.556	1476.4								
			C8S	00600		34.86	27.70		1476.5								
			085	00626		34.83	27.70		1475.7								
			COS	00650	03.62	24.63	27.71		1475.8								
			STD	60700		34.84	27.72	€03.00	1476.6								
			CBS	00700		34.84	27.72 27.73		1477.3								
			OBS	00739		34.85 34.87	27.73	00.648									
			STD CBS	00800		34.670	27.73		1478.7								
			STD	C0900		34.66	27.74	00.692									
			CBS	60900	03.71	34.875	27.74		1480.3								
			STO	C1000		34.88	27.74	00.737	1462.0								
			OBS	01000		34.881	27.74 27.75	00.782									
			CBS	01100		34.882	27.75		1483.6								
			STO	01200		34.88	27.75	C0.828	1465.2								
			cas	C1200		34.884	27.75		1485.2								
			CBS	0126	03.66	34.890	27.76		1466.5								

REFID 31 8407	YEAR	1574	BOTOP 00284	AIR	TEMP 09.4	010	GT PER	MIND-DIR	0.3	INST	STD RECORDER	TEN SQ 1307
CONSEC 0006		H 10	SHIP IH		BULB 07.8			WINC-SPE		TRACE		
LAT 42 50 F		14	CATA USE 1		METR 1030.8			MIND-FOR		DURAT		2 SQUARE 20
LONG 050 20 M	HOUR	22.9	AREA 05	CLC	JD T/A	CL/TE		WEATHER	X2	ORIG	A4 03008	1 SQUARE 20
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGNA-T	DYNDFTH	SAC VEL	OXYG	P04	TOT P	FDM SDA	5103 PH
	STD	00000	11.23	32.42	24.75	90.000	1451.5					
22.9	CBS	€€666	11.23	32.42	24.75		1461.5					
	STD	00006	11.23	32.42	24.75	40 000	1451.6					
	CBS	00010	10.51	32.35	24.75 24.75	C0 -032	1450.5					
	CBS	00016	09.97	32.27	24.85		1467.0					
	CBS	00019	10.80	32.51	24.90		1450.4					
	STC	C0020	08.86 C8.66	32.61	25.29	C0.062	1483.4					
	OBS	00024	C6.44	32.61	25.63		1474.1					
	STO	C0030	06.01	32.99	25.99	C0 -085	1473.0					
	OBS	60030		32.99	25.99		1473.0					
	STC	00050	02.39	23.16	26.49	CC.121	1458.3					
	STD	00075	- 1.10	23.24	26.75	CC-157	1443.0					
	085	00075	- 1.10	33.24	26.75		1443.0					
	CBS	00100	- 0.06	33.50	26.92	CC.187	1448.6					
	085	00105	99.06	33.50	26.91		1449.2					
	085	CO110	00.54	33.59	26.94		1423.4					
	STO	00125	03.68	34.00	27.05	00.214	1466.2					
	CBS CBS	00125	03.68	34.00	27.05		1466.2					
	GBS	00145	04.33	34.16	27.11		1469.5					
	085	00147	04.47	34.20	27.12		1470.2					
	STD	00150	04.34	34.18	27.12	00.239	1469.6					
	085	00151	04.34	34.18	27.12		1469.6					
	085	00165	05.00	34.32	27.16		1472.8					
	CBS	90168	04.57	34.31	27.15		1472.7					
	CBS	00175	05.17	34.41	27.21		1473.8					
	OBS	00195	04.68	34.36	27.22	00-285	1473.3					
	OBS	C0200	04.63	34.36	27.23		1471.9					
	CBS	00205	04.55	34.36	27.24		1471.6					
	CBS	83200	04.47	34.35	27.24		1471.4					
	CBS	00212	04.52	34.37	27.25		1471.6					
	085	00215	04.31	34.35	27.26		1470.8					
	CBS	00217	04.27	34.35	27.26		1476.7					
	085	00220	04.46	34.37	27.26		1471.6					
	CBS	00225	04.18	34.32	27.25		1470.4					
	085	00234	03.53	34.29	27.25		1469.5					
	CBS	00238	04.01	24.34	27.28		1469.5					
	CBS	00238	04.01	24.34	27.28 27.28	•••••	1469.5					
	CBS	00238	04.01	24.34	27.28 27.28	•••••	1469.5					
REF10 31 8407	C8S C8S	00238 00243	04.01 03.69	34.29	27.28 27.28		1469.5	WIND-DIR	05	INST	STC RECORDER	T EN SQ 1307
REFID 31 8407 CONSEC 0005	C8S C8S YEAR	00238 00243	04.61 03.69 8GTDP 00075 SHIP IF	24.34 34.29 AIR WET	27.28 27.28 ***** TEMP 09.4 BULB 07.8	DIR H	1469.5	WIND-SPD		TRACE	OIR D	5 SQUARE 1
CONSEC 0009	C8S C8S YEAR MONT	00238 00243 1974 H 10	04.01 03.69 BOTOP 00075 SHIP IP. DATA USE 1	24.34 34.29 AIR WET BARG	27.28 27.28 ***** TEMP 09.4 BULB 07.8 IMETR 1030.8	DIR H 04 SEA	1469.5 1468.6 GT FER	WIND-SPD WIND-FOR	08	TRACE	DIR D	5 SQUARE 1 2 SQUARE 20
CONSEC 0009	C8S C8S YEAR MONT	00238 00243	04.61 03.69 8GTDP 00075 SHIP IF	24.34 34.29 AIR WET BARG	27.28 27.28 ***** TEMP 09.4 BULB 07.8	DIR H	1469.5 1468.6 GT FER	WIND-SPD	08	TRACE	OIR D	5 SQUARE 1
CONSEC 0005 LAT 43 00 N LONG 050 20 N	CBS GBS YEAR MONT I DAY HOUR	00238 00243 1974 H 10 15	04-01 03-69 BOTDP 00075 SHIP IH DATA USE 1 AREA 05	AIR WET BARD CLOU	27.28 27.28 ****** TEMP 09.4 BULB 07.8 METR 1030.8	DIR H 04 SEA CL/TR	1469.5 1468.6 •• GT FER 0 2	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0009	CBS GBS YEAR MONT I DAY HOUR	00238 00243 1974 H 10	04.01 03.69 BOTOP 00075 SHIP IP. DATA USE 1	24.34 34.29 AIR WET BARG	27.28 27.28 ****** TEMP 09.4 BULB 07.8 METR 1030.8	DIR H 04 SEA	1469.5 1468.6 •• GT FER 0 2	WIND-SPD WIND-FOR	08 X1	TRACE	DIR D	5 SQUARE 1 2 SQUARE 20
CONSEC 0005 LAT 43 00 N LONG 050 20 N	CBS CBS YEAR MONT DAY HOUR	00238 00243 1974 H 10 15 00.3	04-01 03-69 BOTDP 00075 SMIP 11- DATA USE 1 AREA 05	34.34 34.29 AIR WET BARD CLOU	27.28 27.28 ***** TEMP 09.4 BULE 07.8 DETR 1030.8 D T/A	DIR H 04 SEA CL/TR	1469.5 1468.6 GT FER 0 2	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0005 LAT 43 00 N LONG 050 20 N	C6S C8S YEAR MONT DAY HOUR LVLTYP	00238 00243 1974 H 10 15	04-01 03-69 BOTDP 00075 SHIP IH DATA USE 1 AREA 05	AIR WET BARD CLOU	27.28 27.28 ****** TEMP 09.4 BULB 07.8 METR 1030.8	DIR H 04 SEA CL/TR	1469.5 1468.6 GT FER 0 2	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0009 LAT 43 00 N LONG 050 20 N	C6S GBS YEAR MONT I HOUR LVLTYP STD GBS GBS	00238 00243 1974 M 10 15 00.3 DEPTH	04.01 03.69 BOTDP 00075 SMIP IP DATA USE 1 AREA 05 TEMP 10.23 10.23	34.34 34.29 AIR WET BARG CLOU SAL 32.49 32.49 32.49	27.28 27.28 	DIR H 04 SEA CL/TR DYNDPTH (C.000	1469.5 1468.6 GT FER 0 2 SND VEL 1468.0 1468.0	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0009 LAT 43 00 N LONG 050 20 N	CBS CBS YEAR MONT DAY HOUR LVLTYP STD CBS CBS STD	00238 00243 1974 H 10 15 00.3 DEPTH C0000 C0000 00010	04.01 03.69 BOTDP 00075 SMIP II. DATA USE I AREA 05 TEMP 10.23 10.23 10.22 9.82	24.34 34.29 AIR WET BARD CLOU SAL 32.49 32.49 32.49 32.49 32.49	27.28 27.28 ************************************	DIR H 04 SEA CL/TR	1469.5 1468.6 e GT FER 0 2 SND VEL 1468.0 1468.0 1468.0 1468.7	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0009 LAT 43 00 N LONG 050 20 N	C6S GBS YEAR MONT I HOUR LVLTYP STD GBS GBS	00238 00243 1974 M 10 15 00.3 DEPTH	04.01 03.69 BOTDP 00075 SMIP IP DATA USE 1 AREA 05 TEMP 10.23 10.23 10.22 09.82 09.82	24.34 34.29 AIR WET BARG CLOU SAL 32.49 32.49 32.49 32.47	27.28 27.28 	DIR H 04 SEA CL/TR DYNDPTH (C.000	1469.5 1468.6 GT FER 0 2 SND VEL 1468.0 1468.0	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0009 LAT 43 00 N LONG 050 20 N	CBS CBS YEAR MONT DAY HOUR LVLTYP STD CBS OBS STD CBS	00238 00243 1974 1 10 15 10003 DEPTH C0000 00000 00010 C0010	04.01 03.69 BOTDP 00075 SMIP II. DATA USE I AREA 05 TEMP 10.23 10.23 10.22 9.82	24.34 34.29 AIR WET BARD CLOU SAL 32.49 32.49 32.49 32.49 32.49	27.28 27.28 	DIR H 04 SEA CL/TR DYNDPTH CC.000 C0.030	1469.5 1468.6 e GT FER 0 2 SND VEL 1468.0 1468.0 1466.7 1466.7 1469.8	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0009 LAT 43 00 N LONG 050 20 N	VEAR MONTHOUR LVLTYP STD CBS CBS STD CBS STD CBS STD CBS STD CBS STD	00238 00243 H 10 10 10 10 10 10 10 10 10 10 10 10 10 1	04.01 03.69 BOTDP 00075 SHIP I+ DATA USE 1 AREA 05 TEMP 10.23 10.23 10.22 09.82 09.82 05.36 05.36	24.34 34.29 AIR WET BARG CLOU SAL 32.49 32.49 32.49 32.47 32.73 32.73 32.73	27.28 27.28 27.28 ************************************	DIR H 04 SEA CL/TR DYNDPTH (C.000	1469.5 1468.6 e GI FER 0 2 SAD VEL 1468.0 1468.0 1466.7 1469.8 1469.8 1469.8	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0009 LAT 43 00 N LONG 050 20 N	VEAR MONT MONT MOUR LVLTYP STD OBS STD OBS STD OBS STD OBS STD OBS	00238 00243 1974 M 10 15 0003 DEPTH C0000 C0000 C0010 C0010 C0010 C0020 00020 00030	04-01 03-69 BOTDP 00075 SMIP 1H DATA USE 1 AREA 05 TEMP 10-23 10-23 10-22 10-22 09-82 09-82 05-36 05-36	24.34 34.29 AIR WET BARC CLOU SAL 32.49 32.49 32.49 32.47 32.47 32.73 32.73 32.96	27.28 27.28 27.28 ************************************	DIR H 04 SEA CL/TR DYNDPTH CC.000 C0.030	1469.5 1468.0 6 GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1469.8 1469.8 1469.8 1451.2	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0009 LAT 43 00 N LONG 050 20 N	VEAR MONTHOUR LVLTYP STD CBS CBS STD CBS STD CBS STD CBS STD CBS STD	00238 00243 H 10 10 10 10 10 10 10 10 10 10 10 10 10 1	04.01 03.69 BOTDP 00075 SHIP I+ DATA USE 1 AREA 05 TEMP 10.23 10.23 10.22 09.82 09.82 05.36 05.36	24.34 34.29 AIR WET BARG CLOU SAL 32.49 32.49 32.49 32.47 32.73 32.73 32.73	27.28 27.28 27.28 ************************************	DIR H 04 SEA CL/TR DYNDPTH CC.000 C0.030	1469.5 1468.6 e GI FER 0 2 SAD VEL 1468.0 1468.0 1466.7 1469.8 1469.8 1469.8	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0009 LAT 43 00 N LONG 050 20 N	VEAR MONT HOUR LVLTYP STD OBS STD OBS STD CBS OBS OBS OBS OBS OBS OBS	00238 00243 H 10 15 100-3 DEPTH C0000 C0010 C0010 00010 C0010 00020 00030 00035 00041	04.01 03.69 BOTDP 00075 SMIP IP DATA USE 1 AREA 05 TEMP 10.23 10.23 10.22 09.84 00.94 00	AIR WET BARG CLOU SAL 32.49 32.49 32.47 32.47 32.73 32.73 32.96 22.96 23.07 23.12 33.07	27.28 27.28 27.28 ************************************	DIR h 04 SEA CL/TR DYNDPTH (C.000 C0.030 C0.055	1469.5 1468.6 • GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1469.8 1451.2 1451.2 1461.2 1446.2 1446.2	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0009 LAT 43 00 N LONG 050 20 N	VEAR MONT DAY HOUR LVLTYP STD GBS GBS STD GBS STD GBS	00238 00243 H 10 15 10003 DEPTH C0000 C0000 00010 C0010 00020 00030 00030 00030 00030 00041 00045	04.01 03.69 BOTDP 00075 SHIP INDATA USE 1 AREA 05 TEMP 10.23 10.23 10.22 09.82 09.82 05.36 05.36 00.94 0.15 0.28 0.49	24.34 34.29 AIR WET BARG CLOU SAL 32.49 32.49 32.47 32.73 32.96 33.20 33.20 33.20	27.28 27.28 27.28 ************************************	DIR H 04 SEA CL/TR DYNDPTH CC.000 C0.030	1469.5 1468.6 e GT FER 0 2 SAD VEL 1468.0 1468.0 1466.7 1469.8 1469.8 1469.8 1451.2 1446.2 1446.2 1446.2	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0009 LAT 43 00 N LONG 050 20 N	VEAR MONT HOUR LVLTYP STD OBS STD OBS STD CBS OBS OBS OBS OBS OBS OBS	00238 00243 1974 15 100-3 DEPTH C0000 00006 00010 00000 00010 00020 00030 00030 00030 00030 00030 00030	04.01 03.69 BOTDP 00075 SMIP IP. DATA USE 1 AREA 05 TEMP 10.23 10.23 10.23 10.23 10.23 05.36 05.36 05.36 00.54 00.94 - 0.15 - 0.46 - 0.49 - 0.49	AIR WET BARG CLOU SAL 32.49 32.49 32.47 32.73 32.73 32.73 32.73 32.73 32.73 32.73 32.73 32.32 33.20	27.28 27.28 27.28 ************************************	DIR h 04 SEA CL/TR DYNDPTH (C.000 C0.030 C0.055	1469.5 1468.6 • GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1469.8 1451.2 1451.2 1461.2 1446.2 1446.2	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0009 LAT 43 00 N LONG 050 20 N	VEAR MONT MOUNT LVLTYP STD GBS STD GBS STD GBS STD GBS	00238 00243 H 10 15 10003 DEPTH C0000 C0000 00010 C0010 00020 00030 00030 00030 00030 00041 00045	04.01 03.69 BOTDP 00075 SHIP INDATA USE 1 AREA 05 TEMP 10.23 10.23 10.22 09.82 09.82 05.36 05.36 00.94 0.15 0.28 0.49	24.34 34.29 AIR WET BARG CLOU SAL 32.49 32.49 32.47 32.73 32.96 33.20 33.20 33.20	27.28 27.28 27.28 ************************************	DIR h 04 SEA CL/TR OVNDPTH (C000 C0.030 C0.055 C0.074	1469.5 1468.6 9 GT FER 0 2 SND VEL 1468.0 1468.1 1466.7 1466.7 1469.8 1451.2 1446.5 1446.5 1446.5 1446.5 1446.4	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0009 LAT 43 00 N LONG 050 20 N	VEAR MONT MOUNT LVLTYP STD GBS STD GBS STD GBS STD GBS	00238 00243 1974 15 100-3 DEPTH C0000 00006 00010 00000 00010 00020 00030 00030 00030 00030 00030 00030	04.01 03.69 BOTDP 00075 SMIP IP. DATA USE 1 AREA 05 TEMP 10.23 10.23 10.23 10.23 10.23 05.36 05.36 05.36 00.54 00.94 - 0.15 - 0.46 - 0.49 - 0.49	AIR WET BARG CLOU SAL 32.49 32.49 32.47 32.73 32.73 32.73 32.73 32.73 32.73 32.73 32.73 32.32 33.20	27.28 27.28 27.28 ************************************	DIR h 04 SEA CL/TR DYNDPTH (C.000 C0.030 C0.055	1469.5 1468.6 9 GT FER 0 2 SND VEL 1468.0 1468.1 1466.7 1466.7 1469.8 1451.2 1446.5 1446.5 1446.5 1446.5 1446.4	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0009 LAT 43 00 N LONG 050 20 N	VEAR MONT MOUNT LVLTYP STD GBS STD GBS STD GBS STD GBS	00238 00243 1974 15 100-3 DEPTH C0000 00006 00010 00000 00010 00020 00030 00030 00030 00030 00030 00030	04.01 03.69 BOTDP 00075 SMIP IP. DATA USE 1 AREA 05 TEMP 10.23 10.23 10.23 10.23 10.23 05.36 05.36 05.36 00.54 00.94 - 0.15 - 0.46 - 0.49 - 0.49	AIR WET BARG CLOU SAL 32.49 32.49 32.47 32.73 32.73 32.73 32.73 32.73 32.73 32.73 32.73 32.32 33.20	27.28 27.28 27.28 ************************************	DIR h 04 SEA CL/TR OVNDPTH (C000 C0.030 C0.055 C0.074	1469.5 1468.6 9 GT FER 0 2 SND VEL 1468.0 1468.1 1466.7 1466.7 1469.8 1451.2 1446.5 1446.5 1446.5 1446.5 1446.4	WIND-SPD WIND-FOR WEATHER	08 X1	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30
CONSEC 0005 LAT 43 00 N LONG 050 20 N CASTNUM/TIME 00.3	VEAR LVLTYP STD OBS OBS STD OBS STD OBS OBS OBS OBS OBS OBS OBS OBS VEAR	00238 00243 H 10 1 1 1 100.3 DEPTH C0000 C0000 00010 C0010 C0010 00020 A0020 00030 00036 00036 00036 00050 00050	04.01 03.69 BOTDP 00075 SHIP IP- DATA USE 1 AREA 05 TEMP 10.23 10.22 09.82 09.82 05.36 05.36 05.36 0.54 0.94 - 0.15 - 0.28 - 0.49 - 0.49 - 0.49 - 0.49 - 0.50	24.34 34.29 AIR WET BARC CLOU SAL 32.49 32.49 32.47 32.73 32.73 22.73 32.73 32.96 33.00 33.12 33.20 33.20 33.19	27.28 27.28 27.28 ****** ***** **** **** **** **** *** ****	DIR h 04 05EA CL/TR DYNDPTH (C.000 C0.030 C0.055 C0.074	1469.5 1468.6 e GT FER 0 2 SND VEL 1488.0 1488.0 1488.1 1486.7 1486.7 1486.7 1486.2 1451.2 1451.2 1445.4 1445.4	WIND-DIR	08 XI PO4	TRACE DURAT ORIG	DIR D ION 00.2 A4 03009 NG2 NG3	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30 SIG3 PH
CONSEC 0005 LAT 43 00 N LONG 050 20 W CASTNUM/TIME 00.3 REFID 31 8407 CONSEC 0010	CAS	00238 00243 1974 15 100-3 DEPTH C0000 C0000 C0010 C0010 C0010 00020 00030 00030 00030 00030 00030 00050 00050	04.01 03.69 BOTDP 00075 SMIP IP. DATA USE 1 AREA 05 TEMP 10.23 10.23 10.23 10.23 10.23 05.36 05.36 05.36 00.54 00.94 - 0.15 - 0.49 - 0.49 - 0.49 - 0.50	AIR WET BARG CLOU SAL 32.49 32.49 32.49 32.47 32.73 32.73 32.73 32.73 32.73 32.73 32.73 32.96 33.20 33.20 33.20 33.20	27.28 27.28 27.28 ***** ***** **** **** **** **** ****	DIR h 04 SEA CL/TR DYNDPTH CC.000 C0.030 C0.055 C0.074 00.103	1469.5 1468.6 6 GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1466.7 1469.8 1451.2 1469.8 1451.2 1446.5 1445.4	WIND-SPD WIND-FOR WIND-OIR WIND-SPD	08 XI PQ4	TRACE DURAT ORIG TOT P INST TRACE	OIR DIGGERAL	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30 SIG3 PH TEN SQ 1307 5 SQUARE 1
CONSEC 0005 LAT 43 00 N LONG 050 20 N CASTNUM/TIME 00.3	VEAR HOUR LVLTYP STD OBS OBS STD OBS STD OBS	00238 00243 H 10 1 1 1 100.3 DEPTH C0000 C0000 00010 C0010 C0010 00020 A0020 00030 00036 00036 00036 00050 00050	04.01 03.69 BOTDP 00075 SHIP IP- DATA USE 1 AREA 05 TEMP 10.23 10.22 09.82 09.82 05.36 05.36 05.36 0.54 0.94 - 0.15 - 0.28 - 0.49 - 0.49 - 0.49 - 0.49 - 0.50	AIR WET BARC CLOU SAL 32.49 32.49 32.47 32.73 32.73 32.73 32.73 32.73 33.20 33.20 33.20 33.20	27.28 27.28 27.28 ****** ***** **** **** **** **** *** ****	DIR h 04 SEA CL/TR DYNDPTH CC.000 C0.030 C0.055 C0.074 00.103	1469.5 1468.6 e GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1466.7 1466.7 1469.8 1451.2 1451.2 1451.2 1445.4 1445.4	WIND-DIR	08 XI P04	TRACE DURAT ORIG	OIR DIGGERAL	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30 SIG3 PH TEN SQ 1307 5 SQUARE 1
CONSEC 0005 LAT 43 00 M LONG 050 20 M CASTNUM/TIME 00.3 REFID 31 8407 CONSEC 0010 LAT 43 10 M	VEAR HOUR LVLTYP STD OBS OBS STD OBS STD OBS	00238 00243 1974 10 10 10 0003 DEPTH C0000 C0010 C0010 00020 00030 00030 00035 00041 00045 00050 00054	04.01 03.69 BOTDP 00075 SMIP IP DATA USE 1 AREA 05 TEMP 10.23 10.23 10.22 09.82 09.82 09.82 05.36 00.94 00.94 00.94 00.94 00.95 00.96 00	AIR WET BARC CLOU SAL 32.49 32.49 32.47 32.73 32.73 32.73 32.73 32.73 33.20 33.20 33.20 33.20	27.28 27.28 27.28 ************************************	DIR h 04 SEA CL/TR DYNDPTH (C.000 C0.030 C0.055 C0.074 00.103	1469.5 1468.6 e GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1466.7 1466.7 1469.8 1451.2 1451.2 1451.2 1445.4 1445.4	WIND-SPD WIND-FGR WEATHER CXYG CXYG WIND-SPGR WIND-SPGR	08 XI P04	TRACE DURAT ORIG	STD RECORDER	5 SQUARE 1 2 SQUARE 20 1 SQUARE 30 SIQ3 PH TEN SQ 1307 5 SQUARE 1 2 SQUARE 2
CONSEC 0005 LAT 43 00 M LONG 050 20 M CASTNUM/TIME 00.3 REFID 31 8407 CONSEC 0010 LAT 43 10 M LONG 050 20 M	VEAR LVLTYP STD OBS STD OBS STD OBS STD OBS	00238 00243 1974 10 15 0003 DEPTH CO000 C0000 00010 C0010	04.01 03.69 BOTDP 00075 SHIP IP- DATA USE 1 AREA 05 TEMP 10.23 10.22 09.82 09.82 05.36 05.36 00.54 00.94 - 0.15 - 0.28 - 0.49 - 0.49 - 0.49 - 0.49 - 0.50 BCTDP 00066 SHIP IN DATA USE I AREA 05	24.34 34.29 AIR WET BARC CLOU SAL 32.49 32.47 32.47 32.73 32.73 32.96 33.20 33.20 33.20 33.20 33.20 33.20 33.20	27.28 27.28 27.28 27.28 27.28 ****** ***** ***** **** **** ****	DIR M 00 SEA CL/TR DVNDPTH (C000 C0030 C0055 C0074 00103	1469.5 1468.6 e GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1469.8 1451.2 1451.2 1445.4 1445.4 1445.4	WIND-SPD WIND-FOR WIND-OIR WIND-SPD WIND-FOR WEATHER	08 XI PQ4	INST TRACE DURAT ORIG TOT P	STD RECORDER E DIR	TEN SQ 1307 5 SQUARE 30 TEN SQ 1307 5 SQUARE 10 2 SQUARE 20 1 SQUARE 30
CONSEC 0005 LAT 43 00 M LONG 050 20 M CASTNUM/TIME 00.3 REFID 31 8407 CONSEC 0010 LAT 43 10 M	VEAR LVLTYP STD OBS STD OBS STD OBS STD OBS	00238 00243 1974 10 10 10 0003 DEPTH C0000 C0010 C0010 00020 00030 00030 00035 00041 00045 00050 00054	04.01 03.69 BOTDP 00075 SMIP IP DATA USE 1 AREA 05 TEMP 10.23 10.23 10.22 09.82 09.82 09.82 05.36 00.94 00.94 00.94 00.94 00.95 00.96 00	AIR WET BARC CLOU SAL 32.49 32.49 32.47 32.73 32.73 32.73 32.73 32.73 33.20 33.20 33.20 33.20	27.28 27.28 27.28 ************************************	DIR M 00 SEA CL/TR DVNDPTH (C000 C0030 C0055 C0074 00103	1469.5 1468.6 e GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1469.8 1451.2 1451.2 1445.4 1445.4 1445.4	WIND-SPD WIND-FOR WIND-OIR WIND-SPD WIND-FOR WEATHER	08 XI PQ4	INST TRACE DURAT ORIG TOT P	STD RECORDER	TEN SQ 1307 5 SQUARE 30 TEN SQ 1307 5 SQUARE 10 2 SQUARE 20 1 SQUARE 30
CONSEC 0005 LAT 43 00 N LONG 050 20 W CASTNUM/TIME 00.3 REFID 31 8407 CONSEC 0010 LAT 43 10 N LONG 050 20 W CASTNUM/TIME	VEAR MONT MOUR LVLTYP STD OBS STD OBS	00238 00243 1974 15 100-3 DEPTH C0000 00006 00010 00020 00030 00030 00030 00030 00030 00050 00050 00050 00050	04.01 03.69 BOTDP 00075 SMIP IP. DATA USE 1 AREA 05 TEMP 10.23 10.23 10.22 09.82 05.36 00.54 0.054 - 0.15 - 0.28 - 0.49 - 0.49 - 0.49 - 0.50 BCTDP 0006e SHIP IR DATA USE 1 AREA 05	24.34 34.29 AIR WET BARG CLOU SAL 32.49 32.49 32.47 32.73 32.96 33.07 23.30 33.20 33.	27.28 27.28 27.28 27.28 27.28 TEMP 09.4 BULE 07.8 BULE 07.8 BULE 07.8 SIGMA-T 24.98 24.98 25.03 25.03 25.06 26.43 26.43 26.43 26.58 26.67 26.70 26.70 26.70 26.70 26.70 26.70 26.70 26.70 26.70 26.70 26.70 26.70 26.70 26.70	DIR M 00 SEA CL/TR DVNDPTH (C000 C0030 C0055 C0074 00103	1469.5 1468.6 GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1469.8 1451.2 1446.5 1445.4 1445.4 1445.4 1445.4	WIND-SPD WIND-FOR WIND-OIR WIND-SPD WIND-FOR WEATHER	08 XI PQ4	INST TRACE DURAT ORIG TOT P	STD RECORDER E DIR	TEN SQ 1307 5 SQUARE 30 TEN SQ 1307 5 SQUARE 10 2 SQUARE 20 1 SQUARE 30
CONSEC 0005 LAT 43 00 M LONG 050 20 M CASTNUM/TIME 00.3 REFID 31 8407 CONSEC 0010 LAT 43 10 M LONG 050 20 M	CAS	00238 00243 1974 10 15 100-3 DEPTH CO000 C0010 C0010 C0010 C0010 00020 A0020	04.01 03.69 BOTDP 00075 SMIP IP DATA USE 1 AREA 05 TEMP 10.23 10.22 09.82 05.36 05.36 05.36 05.36 00.54 00.94 - 0.15 - 0.28 - 0.46 - 0.49 - 0.50 BCTDP 00066 SPLP IN DATA USE 1 AREA 05 TEMP	24.34 34.29 AIR WET BARG CLOU SAL 32.49 32.49 32.47 32.73 32.73 32.73 33.20 33.20 33.20 33.20 33.20 33.20 33.20	27.28 27.28 27.28 27.28 ***** ***** **** **** **** **** ****	DIR h 04 SEA CL/TR DYNDPTH (C.000 C0.030 C0.055 C0.074 00.103 DIR h 34 SEA CL/TR DYNDPTH (C.000	1469.5 1468.6 6 GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1466.7 1466.7 1469.8 1451.2 1451.2 1451.2 1445.4 1445.4 1445.4 1445.4 1445.4 1445.4	WIND-SPD WIND-FOR WIND-OIR WIND-SPD WIND-FOR WEATHER	08 XI PQ4	INST TRACE DURAT ORIG TOT P	STD RECORDER E DIR	TEN SQ 1307 5 SQUARE 30 TEN SQ 1307 5 SQUARE 10 2 SQUARE 20 1 SQUARE 30
CONSEC 0005 LAT 43 00 N LONG 050 20 W CASTNUM/TIME 00.3 REFID 31 8407 CONSEC 0010 LAT 43 10 N LONG 050 20 W CASTNUM/TIME	CAS	00238 00243 1974 10 15 100.3 DEPTH CO000 00066 00010 00020 00036 00041 00045 00050 00054	04.01 03.69 BOTOP 00075 SMIP IP. DATA USE 1 AREA 05 TEMP 10.23 10.23 10.22 10.22 10.23 10.22 09.82 05.36 0C.54 0.98 - 0.15 - 0.28 - 0.49 - 0.15 - 0.28 - 0.49 - 0.50 BCTOP 00066 SHIP IN DATA USE 1 AREA 05 TEMP 09.79 09.79 09.79 09.79	24.34 34.29 AIR WET BARR CLOU SAL 32.49 32.49 32.47 32.73 32.96 33.07 23.12 33.20 33.20 33.20 33.20 33.20 SAL SAL SAL SAL SAL SAL SAL SAL	27.28 27.28 27.28 27.28 27.28 ***********************************	DIR h 04 SEA CL/TR DYNDPTH (C.000 C0.030 C0.055 C0.074 00.103 DIR h 34 SEA CL/TR DYNDPTH (C.000	1469.5 1468.6 GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1469.8 1451.2 1446.5 1445.4 1445.4 1445.4 1445.4	WIND-SPD WIND-FOR WIND-OIR WIND-SPD WIND-FOR WEATHER	08 XI PQ4	INST TRACE DURAT ORIG TOT P	STD RECORDER E DIR	TEN SQ 1307 5 SQUARE 30 TEN SQ 1307 5 SQUARE 10 2 SQUARE 20 1 SQUARE 30
CONSEC 0005 LAT 43 00 N LONG 050 20 W CASTNUM/TIME 00.3 REFID 31 8407 CONSEC 0010 LAT 43 10 N LONG 050 20 W CASTNUM/TIME	CAS	00238 00243 1974 10 15 100-3 DEPTH CO000 C0010 C0010 C0010 C0010 00020 A0020	04.01 03.69 BOTDP 00075 SMIP IP DATA USE 1 AREA 05 TEMP 10.23 10.22 09.82 05.36 05.36 05.36 05.36 00.54 00.94 - 0.15 - 0.28 - 0.46 - 0.49 - 0.50 BCTDP 00066 SPLP IN DATA USE 1 AREA 05 TEMP	24.34 34.29 AIR WET BARG CLOU SAL 32.49 32.49 32.47 32.73 32.73 32.73 33.20 33.20 33.20 33.20 33.20 33.20 33.20	27.28 27.28 27.28 27.28 27.28 ***** **** **** **** **** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** **	DIR M 04 05EA CL/TR DYNDPTH (C.000 C0.030 C0.055 C0.074 00.103 DIR M 34 SEA CL/TR DYNDPTH (C.000 CC.625	1469.5 1468.6 e GT FER 0 2 SND VEL 1488.0 1488.0 1488.1 1486.7 1486.7 1486.7 1486.1 1486.2 1445.4 1445.4 1445.4 1445.4 1445.4 1445.4 1445.4 1445.4 1445.4 1445.4 1445.4	WIND-SPD WIND-FOR WIND-OIR WIND-SPD WIND-FOR WEATHER	08 XI PQ4	INST TRACE DURAT ORIG TOT P	STD RECORDER E DIR	TEN SQ 1307 5 SQUARE 30 TEN SQ 1307 5 SQUARE 10 2 SQUARE 20 1 SQUARE 30
CONSEC 0005 LAT 43 00 N LONG 050 20 W CASTNUM/TIME 00.3 REFID 31 8407 CONSEC 0010 LAT 43 10 N LONG 050 20 W CASTNUM/TIME	CAS	00238 00243 1974 15 100-3 DEPTH C0000 00010 00020 00030 00030 00036 00041 00045 00050 00050 DEPTH C0000 00050 DEPTH C00000 00050	04.01 03.69 BOTDP 00075 SMIP IP. DATA USE 1 AREA 05 TEMP 10.23 10.23 10.22 09.82 05.36 0C.54 00.94 - 0.15 - 0.28 - 0.46 - 0.49 - 0.50 BCTDP 0006e SPIP IP. DATA USE 1 AREA 05 TEMP 09.79 06.79 06.79 06.79 06.79 06.79 06.79 06.79 06.79	AIR WET BARG CLOUDSAL 32.49 32.49 32.47 32.73 32.96 33.07 23.12 33.20 33	27.28 27.28 27.28 27.28 27.28 ****** ***** ***** ***** **** ****	DIR k 04 05EA CL/TR DYNDPTH CC.000 C0.030 C0.055 C0.074 00.103 DIR k 34 SEA CL/TR DYNDPTH CC.000 CC.625 00.051	1469.5 1468.6 GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1469.8 1451.2 1446.5 1445.4 1445.4 GT PER 0 2 SAC VEL 1466.3 1479.8 1479.8 1479.8 1477.5	WIND-SPD WIND-FOR WIND-OIR WIND-SPD WIND-FOR WEATHER	08 XI PQ4	INST TRACE DURAT ORIG TOT P	STD RECORDER E DIR	TEN SQ 1307 5 SQUARE 30 TEN SQ 1307 5 SQUARE 10 2 SQUARE 20 1 SQUARE 30
CONSEC 0005 LAT 43 00 N LONG 050 20 W CASTNUM/TIME 00.3 REFID 31 8407 CONSEC 0010 LAT 43 10 N LONG 050 20 W CASTNUM/TIME	CAS	00238 00243 1974 10 10 100-3 DEPTH CO000 C0010	04.01 03.69 BOTDP 00075 SMIP IP DATA USE 1 AREA 05 TEMP 10.23 10.22 09.82 00.94 00.94 00.94 00.94 00.94 00.94 00.94 00.94 00.94 00.94 00.94 00.94 00.94 00.94 00.94 00.94 00.94 00.94 00.94	24.34 34.29 AIR WET BARC CLOU SAL 32.49 32.49 32.47 32.73 32.73 32.73 33.20 30.20	27.28 27.28	DIR k 04 05EA CL/TR DYNDPTH CC.000 C0.030 C0.055 C0.074 00.103 DIR k 34 SEA CL/TR DYNDPTH CC.000 CC.625 00.051	1469.5 1468.6 GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1466.7 1466.7 1466.7 1466.8 1445.4 1445.4 1445.4 1445.4 1445.4 1445.4 1445.4 1445.4 1445.4 1445.4 1445.4	WIND-SPD WIND-FOR WIND-OIR WIND-SPD WIND-FOR WEATHER	08 XI PQ4	INST TRACE DURAT ORIG TOT P	STD RECORDER E DIR	TEN SQ 1307 5 SQUARE 30 TEN SQ 1307 5 SQUARE 10 2 SQUARE 20 1 SQUARE 30
CONSEC 0005 LAT 43 00 N LONG 050 20 W CASTNUM/TIME 00.3 REFID 31 8407 CONSEC 0010 LAT 43 10 N LONG 050 20 W CASTNUM/TIME	CAS	00238 00243 1974 15 100-3 DEPTH C0000 00066 00010 00020 00036 00041 00050 00050 00054	04.01 03.69 BOTDP 00075 SMIP IP. DATA USE 1 AREA 05 TEMP 10.23 10.23 10.22 09.82 05.36 05.36 05.36 05.36 0.54 0.094 - 0.15 - 0.49 - 0.49 - 0.49 - 0.50 BCTDP 0006e SPIP IP. DATA USE 1 AREA 05 TEMP 09.79 05.79 06.01 08.01 02.44 01.54	AIR WET BARG CLOUDS SAL 32.49 32.47 32.73 32.96 33.07 23.19 AIR BARG CLOUDS SAL 32.34 32.46 33.20 33.20 33.20 33.3	27.28 27.28 27.28 27.28 27.28 27.28 27.28 27.28 27.28 20.20 20.43 20.58 20.43 20.58 20.43 20.58 20.43 20.58 20.43 20.58 20.43 20.58 20.43 20.58 20.43 20.58 20.43 20.58 20.43 20.58 20.43 20.58 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.80	DIR k 04 05EA CL/TR DYNDPTH CC.000 C0.030 C0.055 C0.074 00.103 DIR k 34 SEA CL/TR DYNDPTH CC.000 CC.625 00.051	1469.5 1468.6 GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1469.8 1451.2 1446.5 1445.4 1445.4 GT PER 0 2 SAC VEL 1466.3 1479.8 1479.8 1479.8 1477.5	WIND-SPD WIND-FOR WIND-OIR WIND-SPD WIND-FOR WEATHER	08 XI PQ4	INST TRACE DURAT ORIG TOT P	STD RECORDER E DIR	TEN SQ 1307 5 SQUARE 30 TEN SQ 1307 5 SQUARE 10 2 SQUARE 20 1 SQUARE 30
CONSEC 0005 LAT 43 00 N LONG 050 20 W CASTNUM/TIME 00.3 REFID 31 8407 CONSEC 0010 LAT 43 10 N LONG 050 20 W CASTNUM/TIME	CAS	00238 00243 1974 15 100.3 DEPTH CO000 00066 00010 00020 00036 00045 00054 1574 10 15 DEPTH CO000 00066 00010 00020 00030 00036 00054	04.01 03.69 BOTDP 00075 SMIP IP. DATA USE 1 AREA 05 TEMP 10.23 10.22 10.22 10.22 10.22 09.82 05.36 05.36 05.36 0.54 0.094 - 0.15 - 0.49 - 0.49 - 0.50 BCTDP 0006e SPIP IP. DATA USE 1 AREA 05 TEMP 09.79 05.70 08.01 02.44 01.58 01.38 01.38	AIR WET BARG CLOUDS SAL 32.49 32.49 32.47 32.73 32.96 33.07 23.19 AIR WET BARG CLOUDS SAL 32.38 32.48 32.38 32.49 33.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00	27.28 27.28 27.28 27.28 27.28 27.28 27.28 27.28 27.28 20.40 20.8 20.78 2	DIR h 00 SEA CL/TR DVNDPTH (C.000 C0.035 C0.074 00.103 DIR h 34 SEA CL/TR DVNDPTH (C.000 CC.C25 00.051 00.068	1469.5 1468.6 GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1469.8 1451.2 1446.5 1451.2 1445.4 1445.4 1445.4 1445.4 1445.4 1445.4 1445.5 1446.5 1446.5 1446.5 1445.4 1445.4	WIND-SPD WIND-FOR WIND-OIR WIND-SPD WIND-FOR WEATHER	08 XI PQ4	INST TRACE DURAT ORIG TOT P	STD RECORDER E DIR	TEN SQ 1307 5 SQUARE 30 TEN SQ 1307 5 SQUARE 10 2 SQUARE 20 1 SQUARE 30
CONSEC 0005 LAT 43 00 N LONG 050 20 W CASTNUM/TIME 00.3 REFID 31 8407 CONSEC 0010 LAT 43 10 N LONG 050 20 W CASTNUM/TIME	CAS	00238 00243 1974 10 15 100.3 DEPTH CO000 C0010 C0010 C0010 00020 A0020	04.01 03.69 BOTDP 00075 SMIP I+ DATA USE 1 AREA 05 TEMP 10.23 10.22 09.82 05.36 06.36 06.36 06.36 06.36 06.36 06.36	24.34 34.29 AIR WET BARG CLOU SAL 32.49 32.47 32.47 32.73 32.96 22.96 22.96 23.12 33.07 23.12 33.07 23.12 33.20 33.00 33.00 33.00 33.00 33.00 33.00 33.00 33.00 33.00	27.28 27.28	DIR h 00 SEA CL/TR DVNDPTH (C.000 C0.035 C0.074 00.103 DIR h 34 SEA CL/TR DVNDPTH (C.000 CC.C25 00.051 00.068	1469.5 1468.6 GT FER 0 2 SND VEL 1468.0 1468.0 1468.1 1466.7 1469.8 1451.2 1451.2 1451.2 1445.4 1445.4 1445.4 ST PER 0 2 SAC VEL 1466.3 1479.8 1479.8 1479.8 1479.8 1479.8 1479.8 1479.8	WIND-SPD WIND-FOR WIND-OIR WIND-SPD WIND-FOR WEATHER	08 XI PQ4	INST TRACE DURAT ORIG TOT P	STD RECORDER E DIR	TEN SQ 1307 5 SQUARE 30 TEN SQ 1307 5 SQUARE 10 2 SQUARE 20 1 SQUARE 30

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